19990121.qrp v01_n343.qrl.990121

Date: Thu, 21 Jan 1999 19:03:21 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1343

QRP-L Digest 1343

Topics covered in this issue include:

  1) [30352] Re: TCI wireless modems
     by "Ed Hare, W1RFI" <ehare@arrl.org>
  2) [30353] Let's QSO!!!!!!!!
     by vlantz@juno.com
  3) [30354] [PCB] Dremel Sold
     by David J Adams <adamsclan@netgate.net>
  4) [30355] Re: Let's QSO!!!!!!!!
     by vlantz@juno.com
  5) [30356] Re: [PCB] Dremel Sold
     by "Radman" <radman@best.com>
  6) [30357] Does this count as QRP?
     by Jeff Johns <jeffj@scott.net>
  7) [30358] WTB: QRP ATU
     by "Bernard F. Gaffney, Jr." <n8pvz@acd.net>
  8) [30359] RE: Harbor Freight Drill Press
     by "Roger A. McCarty" <rmccarty@earthlink.net>
  9) [30360] FS: Palm Pilot Pro
     by "Randy Moore" <wr.moore@worldnet.att.net>
 10) [30361] FOX: Team scores (fwd)
     by Bruce Rattray <rattray@gpfn.sk.ca>
 11) [30362] Re: [Re: Gentleman's agreements... AND QRP]
     by Roy Lincoln <wa4dou@usa.net>
 12) [30363] Y2K Y1K Y0K
     by Hank Kohl K8DD <k8dd@contesting.com>
 13) [30364] Logic families
     by Bob Liesenfeld <wb0poq@visi.com>
 14) [30365] Re: Pre-FYBO adventure NO JOY!
     by crc <crc@io.com>
 15) [30366] Re: Y2K Y1K Y0K
     by James Skalski <jskalski@buffnet.net>
 16) [30367] Re: Pre-FYBO adventure NO JOY!
     by Jim Knopf <ki7q@yahoo.com>
 17) [30368] Re: Logic families
     by Russ Hines <radioruss@fuse.net>
 18) [30369] Y2K...or...YUK?
     by KB9OCE@aol.com
 19) [30370] Support of QRP by ham mags

by "rohre" <rohre@arlut.utexas.edu>
20) [30371] Sierra Amp from Funkamateur
by Lee Bahr <bahr521@earthlink.net>
21) [30372] Re: Software...event recorder?
by ka7you@juno.com
22) [30373] Fireball Plus! (Results)
by Ken Newman <N2CQ@citnet.com>
23) [30374] RE: SST Question
by Robert Radtke <rradtke@hutman.net>
24) [30375] Vertical antenna ideas-dipole
by "rohre" <rohre@arlut.utexas.edu>
25) [30376] Re: Fireball Plus! (Results)
by Jeff Johns <jeffj@scott.net>
26) [30377] Weather monitoring via serial port
by "Charles L. Stackhouse" <cstack@safelink.net>
27) [30378] Re: QRP TV
by herr@ridgecrest.ca.us (Michael Herr)
28) [30379] Price on non working Argo 505
by "rohre" <rohre@arlut.utexas.edu>
29) [30380] Re: Does this count as QRP?
by Peter Larsen <larsenp@cadvision.com>
30) [30381] Re: Support of QRP by ham mags
by Ron Stark <ku7y@dri.edu>
31) [30382] Re: Ive got milliwatt fever - BAD
by N7YA@aol.com
32) [30383] RE: Support of QRP by ham mags
by "Ed Tanton" <n4xy@mindspring.com>
33) [30384] Re: CALLSIGN CHANGE? NAAAAA
by N7YA@aol.com
34) [30385] Re: [Re: Gentleman's agreements... AND QRP]
by N7YA@aol.com
35) [30386] Re: Support of QRP by ham mags
by ka7you@juno.com
36) [30387] 2n2222 projects... where?
by Laurentiu Alexe <lalexe@dnt.ro>
37) [30388] Re: Pre-FYBO adventure NO JOY!
by Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
38) [30389] Toroids
by Norm Melick <henmel@worldnet.att.net>
39) [30390] Re: Perpetual Borrowed Book -- Status?
by Ed Loranger <we6w@juno.com>
40) [30391] Re: [Re: Gentleman's agreements... AND QRP]
by Dave Sjolin <sjolin@swbell.net>
41) [30392] Re: Support of QRP by ham mags
by Bruce Muscolino <w6toy@erols.com>
42) [30393] Re: AW: How *Order* DL Sierra PA?
by Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
43) [30394] AW: Sierra Amp from Funkamateur

by Peter Zenker <Peter_DL2FI@csi.com>
44) [30395] Re: Radiotron Designer's Handbook (4th Edition)
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
45) [30396] Re: [Re: Does this count as QRP?]
by Kent@www0t.netaddress.usa.net, AE4Y <ae4y@usa.net>
46) [30397] Re: Movin' the FB40 and Metric units :-)
by Jon Iza <iapizloj@bicc00.bi.ehu.es>
47) [30398] Support of QRP by ham mags
by Fred J Kalt <w2xn@juno.com>
48) [30399] Re: CALLSIGN CHANGE? NAAAAA
by DNT1@daimlerchrysler.com
49) [30400] Re: Making Circuit Boards
by "Gene Hall" <evhall@ix.netcom.com>
50) [30401] QRP TV
by "Franco, Nicholas J" <franco@bnl.gov>
51) [30402] Re: Toroids
by Chris Trask <ctrask@primenet.com>
52) [30403] DL-QRP-PA order form now on server
by Peter Zenker <Peter_DL2FI@csi.com>
53) [30404] Re: Support of QRP by ham mags
by Tom Palmer <n1tp@worldnet.att.net>
54) [30405] Re: Support of QRP by ham mags
by "Bryan Turner" <turnerw@email.uah.edu>
55) [30406] Re: CALLSIGN CHANGE? NAAAAA
by Tom Palmer <n1tp@worldnet.att.net>
56) [30407] Re: Making Circuit Boards
by "Brad Hernlem" <alihernlem@hotmail.com>
57) [30408] Lumped circuit eqv of 1/4 wave trasformer?
by "Dan Tayloe" <Dan_Tayloe-P26412@email.mot.com>
58) [30409] Re: CALLSIGN CHANGE? NAAAAA
by "Ken & Linda Burrough" <ne0c@1st.net>
59) [30410] Re: Support of QRP by ham mags
by Bill Jones <kd7s@psnw.com>
60) [30411] Re: TCI RFI from Wireless Modem Jacks
by "Donald Jones" <djones@ckc.com>
61) [30412] Re: Support of QRP by ham mags
by Paul Harden <pharden@aoc.nrao.edu>
62) [30413] RE: Making Circuit Boards
by "David Burniston" <davidgb@nortelnetworks.com>
63) [30414] Low Profile 80/40/30 Antenna
by "James R. Duffey" <ji3m@maxwell.com>
64) [30415] Re: [Re: Gentleman's agreements... AND QRP]
by af852@rgfn.epcc.edu
65) [30416] Re: Y2K Y1K Y0K
by Richard Rood <fcsw@juno.com>
66) [30417] Y2K rig problems
by Bob Reynolds <breynold@sigg.com>
67) [30418] Tower guy wires

    by Ron Stark <ku7y@dri.edu>
68) [30419] Re: Wow! My first PSK31 QSO
    by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
69) [30420] CHANGING CALL SIGNS
    by Tom Palmer <n1tp@worldnet.att.net>
70) [30421] MFJ 16010 Tuner
    by Bob Reynolds <breynold@sigg.com>
71) [30422] Thanks! Event recording software suggestions.
    by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
72) [30423] RE: Multiband vertical idea
    by "Larry Cruise" <aa5ta@texasonline.net>
73) [30424] Re: Movin' the FB40 and Metric units :-)
    by Ed Loranger <we6w@juno.com>
74) [30425] OHR 500 Package
    by William Phinizy <wphinizy@connect3.com>
75) [30426] Re: [TenTec] Re: Digital Display for Argosy I?
    by RangerSF5@aol.com
76) [30427] Re: Does this count as QRP?
    by Ron Stark <ku7y@dri.edu>
77) [30428] Funkamateur PA Ordering
    by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
78) [30429] Re: Y2K rig problems
    by Jeff Johns <jeffj@scott.net>
79) [30430] Re: CALLSIGN CHANGE? NAAAAA
    by "John Moriarity" <k6qq@hdo.net>
80) [30431] Re: Multiband vertical idea
    by David Brunner <anon6622@nyx.net>
81) [30432] RE: Toroids
    by "Ed Tanton" <n4xy@mindspring.com>
82) [30433] Help with Transistor ID
    by applitech@mcg.net (Claton Cadmus)
83) [30434] towers and the FCC
    by Scott Howell <whowell@hq.nasa.gov>
84) [30435] ICOM IC-706
    by Brad Bradfield <b_bradfield@yahoo.com>
85) [30436] Funkamateur Amplifier
    by Lee Bahr <bahr521@earthlink.net>
86) [30437] Re: Support of QRP by ham mags
    by "Ed Hare, W1RFI" <ehare@arrl.org>
87) [30438] Re: MFJ 16010 Tuner
    by N9DD@aol.com
88) [30439] third graders
    by Bigbob97@aol.com
89) [30440] More on Low Profile 80/40/30 Antenna
    by "James R. Duffey" <ji3m@maxwell.com>
90) [30441] Log Amplifier
    by "Brad Hernlem" <alihernlem@hotmail.com>
91) [30442] == NEED SOURCES FOR CW KEYERS ==

by alfa33@scn.org
92) [30443] Re: VX-5R
by Ed Manuel <n5em@flash.net>
93) [30444] Re: == NEED SOURCES FOR CW KEYERS ==
by "Marshall Emm" <mgemm@mtechnologies.com>
94) [30445] AW: Funkamateur Amplifier
by Peter Zenker <Peter_DL2FI@csi.com>
95) [30446] PK-2 WORKS
by dave_epps@juno.com
96) [30447] Clarification on "Radio Comms."
by "rohre" <rohre@arlut.utexas.edu>
97) [30448] Re: CALLSIGN CHANGE? NAAAAA
by "Richard Brummer" <obvious@bestweb.net>
98) [30449] Re: Movin' the FB40 and Metric units :-)
by jeverhar@cse.l-3com.com
99) [30450] AR QRP net results
by Robsparks@aol.com
100) [30451] 2N2222 Challenge
by "David Burniston" <davidgb@nortelnetworks.com>
101) [30452] Re: CALLSIGN CHANGE? NAAAAA
by "Richard Brummer" <obvious@bestweb.net>
102) [30453] RE: [CW] Re: K0HB and CQ mag.
by "Ed Tanton" <n4xy@mindspring.com>
103) [30454] Re: third graders
by "Michael A. Gipe" <mgipe@reliablemeters.com>
104) [30455] SQUAL-O antenna
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
105) [30456] Re: == NEED SOURCES FOR CW KEYERS ==
by "Michael A. Gipe" <mgipe@reliablemeters.com>
106) [30457] Which Kit is best?
by Bruce Kizerian <kizerian@ced.utah.edu>
107) [30458] Toroids-oops
by "Ed Tanton" <n4xy@mindspring.com>
108) [30459] [Fwd: Re: Y2K rig problems(another angle)]
by W7LS <w7ls@blarg.net>
109) [30460] TCI black boxes ....
by "Walter D. Amos" <waltk8cv@surfree.com>
110) [30461] Power station
by Rick Morrison <RickM@firstlogic.com>
111) [30462] Re: Which Kit is best?
by "Bryan Turner" <turnerw@email.uah.edu>
112) [30463] RE: [CW] CQ mag.
by "Ed Tanton" <n4xy@mindspring.com>
113) [30464] Re: Funkamateur Amplifier
by Barry J Minsky <w2bj@juno.com>
114) [30465] MFJ 9040 comments -- THANKS
by "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
115) [30466] Fw: Y2K rig problems(another angle)

     by "Mike Yetsko" <myetsko@insydesw.com>
116) [30467] Re: Which Kit is best?
     by Bruce Muscolino <w6toy@erols.com>
117) [30468] QRP-TV
     by Dennis Voorhees <DENNYV@clarityconnect.com>
118) [30469] Re: Log Amplifier
     by Russ Hines <radioruss@fuse.net>
119) [30470] QST - "It Seems ot Us..." and the TCI problem
     by Larry Cahoon <wd3p@juno.com>
120) [30471] Re: Log Amplifier
     by "Brad Hernlem" <alihernlem@hotmail.com>
121) [30472] ZL9CI
     by Bruce Rattray <rattray@gpfn.sk.ca>
122) [30473] Re: VX-5R
     by Nick & Susan Caruso <nzc@mediaone.net>
123) [30474] Re: ZL9CI
     by Tom Palmer <n1tp@worldnet.att.net>
124) [30475] RE: Y2K......<grin>
     by Michael Melland <badger@vbe.com>

Date: Wed, 20 Jan 1999 19:16:47 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [30352] Re: TCI wireless modems
Message-ID: <36A671EF.2DC0@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I hope this isn't too far off topic for the QRP-L list, but 3.520-3.540 is in use by QRPers and the 2nd harmonic can fall on 7.040, so there is some tie in. I will, however, not be posting more on this here; please take it off line with me.

One local TCI office reported that the problem would only affect within "80 feet" of the source. This is a bit unrealistic; some TCI offices are searching a 1 mile radius for those that are near hams.

Here is some info that may help estimate the distance between the source and an 80 meter dipole. These are very rough estimates, with the actual levels determined by the severity of the leak, the antenna patterns of the house wiring and your antenna and local conditions.

Typically, a wireless modem jack that is not in an "atypical" installation and thus radiating a legal signal would give an S9+15 dB

signal 30 meters from the source. It would fall off 6 dB for every doubling of the distance, at least in free space, although ground clutter and other factors would rapidly diminish the signal level. Let's assume conservatively 9 dB/doubling, to allow additional attenuation. This would give us:

distance = signal strength (S9 = -73 dBm, S unit = 6 dB)
30 meters = S9+15
60 meters = S9+6
120 meters = S8.5
240 meters = S7
480 meters = S5.5
960 meters = S4

This may serve as a good indicator of the TYPICAL local source.

In some cases, at 30 meters distance, we have reports of signals 20-40 dB higher than this. Assuming 30 dB, this would result in

30 meters = S9+45
60 meters = S9+36
120 meters = S9+27
240 meters = S9+18
480 meters = S9+9
960 meters = S9

The latter table is an exception, but this is a lot more than 80 feet.

73, Ed, W1RFI

Date: Wed, 20 Jan 1999 18:27:59 -0600
From: vlantz@juno.com
To: qrp-l@Lehigh.EDU
Subject: [30353] Let's QSO!!!!!!!
Message-ID: <19990120.182759.10294.0.VLantz@juno.com>

OK, I finished my antenna. I will be on at 7:00 CST and after. I will be on untill I drop if I end up making any QSOs.

PLEASE QRS. I ain't good yet, but I am working on it.

I want your QSL card!!!!

Vann Lantz
KF4QHJ, AL

QRP-L #1790, AR QRP #241
http://members.xoom.com/VLantz/home.htm

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 16:46:35 -0800 (PST)
From: David J Adams <adamsclan@netgate.net>
To: qrp-l@lehigh.edu
Subject: [30354] [PCB] Dremel Sold
Message-ID: <199901210046.QAA17267@u1.netgate.net>

Holy Cow! I had NO idea this would be such a popular item! I got over 30 replies!!! For the curious, the "HAT" method was used to choose the winner.

73 de dave, N9UXU

For the interested, the drill press purchased to replace this is on sale at Harbor Freight for $44.95 until Feb 1.

Date: Wed, 20 Jan 1999 19:05:43 -0600
From: vlantz@juno.com
To: qrp-l@Lehigh.EDU
Subject: [30355] Re: Let's QSO!!!!!!!!
Message-ID: <19990120.190544.9838.0.VLantz@juno.com>

Sorry, Around 7.110. I ran upstairs to turn on my Rcvr and the power switch broke. I just finished fixing it. Man what a rush. I love QRP, and I havn't even made a QSO yet!!!!!!!!!!!

>OK, I finished my antenna. I will be on at 7:00 CST and after. I will be on untill I drop if I end up making any QSOs.

>PLEASE QRS. I ain't good yet, but I am working on it.

>I want your QSL card!!!!

Vann Lantz
KF4QHJ, AL
QRP-L #1790, AR QRP #241
http://members.xoom.com/VLantz/home.htm

_____ You don't need to buy Internet access to use free Internet e-mail. Get completely free e-mail from Juno at http://www.juno.com/getjuno.html or call Juno at (800) 654-JUNO [654-5866]
--------- End forwarded message ----------

_____
You don't need to buy Internet access to use free Internet e-mail. Get completely free e-mail from Juno at http://www.juno.com/getjuno.html or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 17:14:29 -0800
From: "Radman" <radman@best.com>
To: <adamsclan@netgate.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30356] Re: [PCB] Dremel Sold
Message-ID: <199901210111.RAA12778@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Dave writes:

Holy Cow! I had NO idea this would be such a popular item! I got over 30 replies!!! For the interested, the drill press purchased to replace this is on sale at Harbor Freight for $44.95 until Feb 1.

****

Holy Smokes! :-) Did you say, $44.95 for the drill press? I'll check that out at: http://www.harborfreight.com/

Looks like a heck of a deal,

72 - Conrad - NN6CW

****

This drill press is the choice of home craftsmen and small production shops. Five speeds: 620, 1100, 1720, 2340 and 3100 RPM.

Manufacturer: Central Machinery
Motor: 1/3 HP peak

No load speed: 1720 RPM
Base dimensions: 7-3/16" x 5-5/8"
Height: 22-1/2"
Table: 6-1/2" x 6-5/8"; tilts 45
left and right
Swing: 8-1/4"
Chuck: 1/2''
Spindle travel: 2"
Shipping weight: 49 lbs.

ITEM 34231-6VGA

$49.99

Date: Wed, 20 Jan 1999 19:26:57 -0600
From: Jeff Johns <jeffj@scott.net>
To: qrp-l@Lehigh.EDU
Subject: [30357] Does this count as QRP?
Message-ID: <199901210126.TAA28586x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

I love my new HF priveleges! Today at lunch I couldn't find anyone doing anything in the novice band with CW so I switched to SSB and worked EA8AMT in the Canary Islands with just 35 watts and a dipole, that mad the rest of the day go real smooth <grin>. When I got home this evening, I called cq a few times via CW but didn't have any takers, nor did I hear any other CW activity (I'm not allowed to go down to 28.060) so once again I switched to SSB and worked AL7HX in Anchorage, AK with 5 watts into my dipole and got a 56 signal report! I can't believe how much fun this is and the coolest thing is that I'm doing it with such a minimal amount of equipment. I've listened to QSO's where guys are talking about their beams and how they are putting out 300 or 400 watts but I'm having just as much, if not more fun doing it with 5! So, in all seriousness, does a 5 watt SSB QSO with someone in Alaska from Alabama count as QRP or does the power have to be lower than 5 watts? What is the exact definition of QRP?

73 Jeff W4JEF

By the way, myself and AB0GO are hoping to accomplish a QRP QSO via AO-27 tomorrow morning. I hope some you who haven't worked AO-27 QRP with an HT will give it a try. I can always use some new grid squares!

=-=-=-=-=-=-=-=-= Jeff Johns W4JEF - AMSAT# 32615 -=-=-=-=-=-=-=-=
jeffj@scott.net w4jef@amsat.org	Reserve Patrol Captain
Satellite: Mir R0MIR-1, AO-27	Jefferson County Sheriff's Dept
200LX+BayPac+FT50=Portable Packet	QTH Birmingham, AL USA
=-=

Date: Wed, 20 Jan 1999 20:36:43 -0500
From: "Bernard F. Gaffney, Jr." <n8pvz@acd.net>
To: qrp-l@lehigh.edu
Subject: [30358] WTB: QRP ATU
Message-ID: <3.0.32.19990120203114.00689600@pop3.acd.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have a QRP antenna tuner they'd like to part with for $$$(assembled only - no kits). I have a Butternut HF6V antenna + the 12&17m upgrade, which covers 80m-10m. SWR is generally 2:1 or better on all parts of all bands, except 80m. I only get about a 100kHz section of the band, then SWR goes up rapidly outside that section. I'd like to be able to use the entire band. So, I'm looking for an assembled QRP ATU(just don't presently have the time/ambition to put a kit together).

Please email me direct.

Tnx.

72 de N8PVZ

---bernie

5BWAS/QRP by 1999-12-31 or BUST!

Bernard F. Gaffney, Jr. N8PVZ
MI-QRP# M-1152 QRP-ARCI# 9446

n8pvz@acd.net
http://www.familytreemaker.com/users/g/a/f/Bernard-F-Gaffney-Jr/
Searching for Gaffney, Gascho, Moers, and Hetzer

Date: Wed, 20 Jan 1999 17:50:19 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30359] RE: Harbor Freight Drill Press
Message-ID: <001401be44e0$666f8420$a505b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yeah folks this is a heck of a deal. I bought one and I am very pleased.
This is a full size, table mount drill press! If/when you give them a visit,
be aware they often have overlapping sales. They had one drill press on sale
for $49.95 that sold originally for $69.95, and the better current sale of
$44.95 for an original $90.00 unit.

KD6CC

  For the interested, the
> drill press purchased to replace this is on sale at Harbor
> Freight for $44.95 until Feb 1.
>
> ***********
>
> Holy Smokes! :-) Did you say, $44.95 for the drill press?
> I'll check that out at: http://www.harborfreight.com/
>
> Looks like a heck of a deal,
>
> 72 - Conrad - NN6CW
>
> ************************
>
> This drill press is the choice of home craftsmen and small
> production shops. Five speeds: 620, 1100, 1720, 2340 and
> 3100 RPM.
>
>   Manufacturer: Central Machinery
>   Motor: 1/3 HP peak

>   No load speed: 1720 RPM
>   Base dimensions: 7-3/16" x 5-5/8"
>   Height: 22-1/2"
>   Table: 6-1/2" x 6-5/8"; tilts 45
> left and right
>   Swing: 8-1/4"
>   Chuck: 1/2''
>   Spindle travel: 2"
>   Shipping weight: 49 lbs.
>
>   ITEM 34231-6VGA
>
> $49.99
>
>
>

Date: Wed, 20 Jan 1999 20:10:05 -0600
From: "Randy Moore" <wr.moore@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30360] FS: Palm Pilot Pro
Message-ID: <000201be44e3$29d14c80$d011430c@wrmoorerpc>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a very QRP computer for sale: Palm Pilot Professional with docking
cradle and wrap-around leather protector. Asking $150. Will put on eBay,
but giving QRP-L a try first.
72,
Randy, KS4L

Date: Wed, 20 Jan 1999 20:19:18 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [30361] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.990120201111.13940A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

....hunt #26...N2SMH.....

****
The 40 mtr Fox Hunt Team Scores
****

...the Houston Hounds- 18.400 - hounds-> K5ZTY,KQ5U,KK5LD

...the Vibro-Fox Finders - 15.800 - hounds -> KU7Y,WS8D

...the Underdogs - 15.576 - hounds -> N4ROA,AB7CE,KI0II"CLEAN SWEEP!"

...the Texas Tarantulas - 14.500 - hounds -> AB5WX,K5LN,N5TW

...the Fox Nabbers - 14.399 - houndS -> K0EVZ,W0CH

...the Brass Pounders - 12.500 - hounds -> AB8DF,N1FN,AK7Y

...the Northern Lights - 10.733 - hounds -> VE5RC,VE2KN

...the Kentucky Porch Houndz - 9.500 - hound -> NU4N

...the Swords - 6.993 - hounds -> N8VAR,N8IE

...the Team Apathy - 4.995 - hound -> K7TQ

...the Jersey Diddles - 2.825 - hungry bunch here.

Date: 20 Jan 99 21:19:05 EST
From: Roy Lincoln <wa4dou@usa.net>
To: CQCL@aol.com, wa4dou@usa.net, owner-qrp-l@Lehigh.EDU, qrp-l@Lehigh.EDU
Subject: [30362] Re: [Re: Gentleman's agreements... AND QRP]
Message-ID: <19990121021905.16924.qmail@nw171.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

  They don't have speakers so they had no way of hearing us when we tried to break and ask them to move back up to the digital area (gentlemen's agreement area of the band.).

Please, let's not add more arrogant operators who could care less about the FCC rules and regs or Gentlemen's Agreements as well.

72,

Rich High W0HEP

Rich,
  If they don't have speakers, then how do they comply with the necessity to confirm that a freq. is not in use before transmitting?   73 Roy WA4DOU

_____
Get free e-mail and a permanent address at http://www.netaddress.com/?N=1

Date: Wed, 20 Jan 1999 22:03:53 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-l@lehigh.edu
Subject: [30363] Y2K Y1K Y0K
Message-ID: <4.1.19990120215803.00ab8010@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Everyone is concerned over the problems with Y2K. It is really a small
problem, a very small problem, switching from 1999 to 2000 and beyond.

Just think of the problems of Y0K (YzeroK) when the world went through
the conversion from counting down the minus BC years in a negative
direction to counting up the positive AD year numbers and counting in a
positive direction. That must have been an absolute mess, and they
didn't even have computers!

73   Hank   K8DD

Date: Wed, 20 Jan 1999 21:16:09 -0600
From: Bob Liesenfeld <wb0poq@visi.com>
To: QRP-L reflector <qrp-l@lehigh.edu>
Subject: [30364] Logic families
Message-ID: <36A69BF9.56837BE8@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,
  In the midst of my parts are some 74HCT04 ICs and some 74HC04. Can someone
give me the main differences between these two families?
tnx es 72

'POQ
--
Genuine E-mail From the Land of the Everlasting Icicle...
Bob Liesenfeld
wb0poq@visi.com

Date: Wed, 20 Jan 1999 21:21:15 -0600
From: crc <crc@io.com>

To: 70511.3041@compuserve.com, QRPL <QRP-L@Lehigh.EDU>
Subject: [30365] Re: Pre-FYBO adventure NO JOY!
Message-ID: <36A69D2B.8DB03E64@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"W. D. (Doc) Lindsey" wrote:

>
>
> Good luck in FYBO. Actually we have been having a "heat wave" here.
> Sometimes we have waved Bye-Bye to it <VBG> but right now it is in the 20's
> which is not bad here. Hoping we have a low enough temp for the multiplier

I was just wondering if we get a heat stroke multiplier here in Texas, was 84
today.
Charlie WA5KRF Austin,Texas

Date: Wed, 20 Jan 1999 22:23:34 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: Hank Kohl K8DD <k8dd@contesting.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30366] Re: Y2K Y1K Y0K
Message-ID:
<Pine.LNX.4.03.9901202223120.1053-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yeah ,
I heard they crucified the guy resposible.

73,

Jim

On Wed, 20 Jan 1999, Hank Kohl K8DD wrote:

> Everyone is concerned over the problems with Y2K. It is really a small
> problem, a very small problem, switching from 1999 to 2000 and beyond.
>
> Just think of the problems of Y0K (YzeroK) when the world went through

> the conversion from counting down the minus BC years in a negative
> direction to counting up the positive AD year numbers and counting in a
> positive direction. That must have been an absolute mess, and they
> didn't even have computers!
>
> 73   Hank   K8DD
>
>

Date: Wed, 20 Jan 1999 19:34:07 -0800 (PST)
From: Jim Knopf <ki7q@yahoo.com>
To: crc@io.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30367] Re: Pre-FYBO adventure NO JOY!
Message-ID: <19990121033407.9480.rocketmail@send104.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

> I was just wondering if we get a heat stroke multiplier here in
Texas, was 84
> today.
> Charlie WA5KRF Austin,Texas

That would make it "FRY YOUR *** OFF."
==
Jim, KI7Q Redmond, WA   FISTS#5802 QRP-L#1689
http://www.halcyon.com/knopf/jim

____
DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Wed, 20 Jan 1999 22:31:44 -0500
From: Russ Hines <radioruss@fuse.net>
To: wb0poq@visi.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30368] Re: Logic families

Message-ID: <36A69FA0.B749FF88@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Bob:

Sure. ;-)

The 74HCXX family is TTL-equivilent CMOS, similar to LS TTL in speed but with lower power consumption.

The 74HCTXX family is TTL-equivilent CMOS designed to interface the two dissimilar types, CMOS and TTL. HCT inputs are TTL compatible, HCT outputs are CMOS compatible.

73,
WB8ZCC

Bob Liesenfeld wrote:
>
> Hi gang,
>   In the midst of my parts are some 74HCT04 ICs and some 74HC04. Can someone
> give me the main differences between these two families?
> tnx es 72

Date: Wed, 20 Jan 1999 23:00:27 EST
From: KB9OCE@aol.com
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30369] Y2K...or...YUK?
Message-ID: <5cfa056c.36a6a65b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Am I the only one here that has heard more than enough about Y2K ? They should just call it the Que Sera Sera Problem.....whatever will be, will be. My apologies to Doris Day wherever you are....

Mike Truax,
kb9oce
Portage, IN

Date: 20 Jan 1999 22:18:15 -0600
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [30370] Support of QRP by ham mags
Message-ID: <n1295251729.50100@msmailgw1.arlut.utexas.edu>

Outside of the QRP Club publications, of the big 7 USA ham magazines,('CQ', 'CQ-VHF', 'Comm Quarterly', 'QST', 'QEX', 'World Radio', and '73'), only '73' has consistently had a significant content of QRP related articles in addition to having a QRP column, (which only two? of the others has). I have several years of every '73' issue to back up my claim, along with 'CQ', and 'QST' over the same time, and more recently the others.

Just because '73' missed one issue with the column, (which might be anybody's fault, the column writer or the publication or the printer), one should not attack them and say you will not subscribe again.

Frankly, if more keep badmouthing ham publications, and they lose readership, and go under, then QRP will have lost our "window on the World" of the casual ham readers. The newstands only have regularly, 'CQ', '73', and 'CQ-VHF', so our QRP exposure is greatly limited to the world.
'CQ' and 'CQ-VHF' are oriented toward contesting and VHF, so have little on QRP. (Maybe if more authors sent QRP material to 'CQ', there would be more published there.)

It appears anyway, that Wayne Green now is just the opinion writer of a column for 73, and actual publication is in the hands of another editor and publisher. Look at their masthead. They might decide to become a web topic magazine instead of ham radio if hams don't support them.

Frankly, I have had my difficulties with magazines screwing up subscriptions, or having bad editing in pieces, and don't agree with the editors of 73, World Radio,and others some of the time, but I renewed every one, and have a life subscription to World Radio to not miss several good columns there like Mr. Fisher's QRP one, Brian's column he had for youth, and of course the antenna antics of Kurt Sterba.

 Wayne Green kept his membership to ARRL and QST sub, for 60 years to present, even as he was telling us all what is wrong from his point of view, with ARRL.
 As he says, it is still the main national voice we have, and we can tell the Directors if we do not like what they are doing. Wayne is very interesting in person, but you realize immediately or he tells you, he is a gadfly. They make money by stirring things up. In case you have not noticed, that is a major component of magazine journalism, with The Star, and the Enquirer type tabloids that are at every check out counter. (None of which I read, even in line!)

Reading on the G-QRP list, I see the Radio Society of Great Britain has apparently cut their publication to every other month for "Radio Communications"?
This is not a good sign, if a national ham society's cannot afford to keep up the print media.

I know the aging ham population also may not have the disposable income to take every publication, but one might consider not buying that next six pack a couple times a month, and there would be a least one more QRP publication you could support, or with a weekly cut back, you could afford one of the General interest magazines which also has some QRP content, and write them to encourage them to keep up on QRP topics. Even '73' has a comment card that all you have to do is check off what articles you liked or did not like every month and send it in.

QRP has the ability to renew the excitement in ham radio, (I am preaching to the choir, here), as you all have heard new subscribers to the list say how QRP got their ham juices flowing again.

Let's have the 1999 resolution "support ham radio publications, and turn off the requoting of list messages!" :-)

72, Stuart K5KVH, near Austin TX

Date: Wed, 20 Jan 1999 22:25:21 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [30371] Sierra Amp from Funkamateur
Message-ID: <36A6AC31.F0F948F9@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone heard about the availability of the 5 watt amp for the Sierra that is supposed to be available from German FUNKAMATEUR as of January 15th? I checked out their web page and find nothing on it. I did send them an e-mail asking for more information. Their web page is: http://www.funkamateur.de   Lee Bahr w0vt

---

Date: Wed, 20 Jan 1999 23:23:10 EST
From: ka7you@juno.com

To: weinfurt@oak.cats.ohiou.edu
Cc: QRP-L@LeHigh.EDU
Subject: [30372] Re: Software...event recorder?
Message-ID: <19990120.203919.4455.1.ka7you@juno.com>

Greg,
    What you want is the software which comes with most DVM's which have a RS-232 port. I watched for the RS one (reg. $129) to go on sale, but then Tech America put a METEX unit on sale for $49, a couple of months ago. I bought it, and have not even taken it out of the box yet, except to look at it. The software is on one 3.25 inch floppy, and I'm sure it is pretty generic.
    7 3,
Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251   QRP-L #844   NWQRP #120   and others

On Wed, 20 Jan 1999 11:01:32 -0400 Greg Weinfurtner
<weinfurt@oak.cats.ohiou.edu> writes:
>Gang,
>   Forgive this question as it is not reallllly QRP related...
>
>
>   I'm looking for a software package that would allow my PC (or
>Mac)
>to become an "event recorder." That is, it would be able to sample
>wind
>speed and direction via sensors connected to the serial port and plot
>it
>out on a minute by minute basis. That way you can get an idea of your
>areas
>windspeed and direction over the period of a day, week, month, etc.
>
>   This would be pretty nice to have because you could also use
>it to
>detect voltage fluctuations on AC lines, power supplies, anything that
>is
>intermittent and hard to track down. (With the right interfaces of
>course!)
>
>
>
>Thanks for your help and leniency...
>
>
>Greg
>NS8O
>

>
>
>

_____
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Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 23:42:42 -0500
From: Ken Newman <N2CQ@citnet.com>
To: njqrp@njqrp.org, QRP-L@lehigh.edu
Subject: [30373] Fireball Plus! (Results)
Message-ID: <3.0.6.32.19990120234242.007b87f0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks for your input on your interest in the power amp kit for the FB 40.
The messages from this fine group has made NJQRP to push foreward on the
amp.
After a short testing period, look for an announcement on the kit details.
(assuming Murphy doesn't find this project!)
THANKS AGAIN!

72/73 de
Ken Newman - N2CQ
Woodbury, NJ
N2CQ@Citnet.com

Date: Wed, 20 Jan 1999 22:56:48 -0600
From: Robert Radtke <rradtke@hutman.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [30374] RE: SST Question
Message-ID: <36A6B390.3C04E236@hutman.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi again -

I just wanted to say thanks for all of the help. After several hints

about harmonics, I tuned my Kenwood up to 20M and heard the 40MSST loud and clear.

I checked on the toriod windings and realized that I had switched the number of turns with the inches of wire number -- duuuhhhh :{ - sooo after desoldering and rewinding everything it worked great.

I fired it up and got PA and OH right away from Minnesota - both QRP - QRP.

Thanks again for the help --

Robert - KC0EJW

Date: 20 Jan 1999 22:56:34 -0600
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [30375] Vertical antenna ideas-dipole
Message-ID: <n1295249480.88232@msmailgw1.arlut.utexas.edu>

Yes, a vertical dipole set,
For the person wanting to retire his two support horizontal dipole, the vertical dipole as exemplified by the Gap Titan DX antenna will fill the single mast bill. It can be placed upon a 6 foot tall mast, and then its linear decouplers will not be visible over a single story gable roofed house. You can place it in the back yard, and only part of a pipe will show barely above the roof. It is excellent for DX and needs no radials, since it is a VERTICAL DIPOLE. It has a counterpoise wheel or capacity structure that is also the 40M element. At six feet up, it will be above most uses of the yard, unless you are tall. (Use a taller pipe mast). It has excellent low angle radiation, by actual contacts I have enjoyed with good SSB QRP signal reports. The feed coax goes up inside the lower element, thus shielding you from the usual noise some verticals pick up from surroundings.

Now if your budget is low, there is no reason one cannot shorten a 40M element by using a fat pipe vertical dipole element of 25 feet overall with PVC pipe center insulator, and from it use TV standoffs to hang other wire dipoles for the higher bands and WARC bands. Feed all with a common coax run up inside the lower half of the 40M vertical pipe. For the short horizontal run out to each dipole, use a piece of twin lead. Or, angle each feed point into a common screw pair that has the coax also connected to the other ends of the screws. With a matching unit in the shack you can match the whole combination. For 80M, you could make a coax stub match to load the shortened antenna, and also have it inside the upper part of the antenna. Texas Towers in Plano TX advertises in National ham magazines and sells all sizes of

tubing.

Paul Lee in his excellent book on vetical antennas, also shows how to load up an aluminum extension ladder as a multiband vertical, and you could lower it when not on the air, thus keeping even a lower profile!

Good luck,
Stuart K5KVH, Austin TX

Date: Wed, 20 Jan 1999 22:57:27 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30376] Re: Fireball Plus! (Results)
Message-ID: <199901210457.WAA15308x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Wed, 20 Jan 1999 23:42:42 -0500, Ken Newman <N2CQ@citnet.com> wrote:

> (assuming Murphy doesn't find this project!)

Everything should be okay Ken, Murphy seems to be hanging out near my QTH here in central Alabama <grin>.

73 Jeff W4JEF

```
    *=-=-=-=-=-=-=-=-= Jeff Johns W4JEF - AMSAT# 32615 -=-=-=-=-=-=-=-=*
    |jeffj@scott.net  w4jef@amsat.org |     Reserve Patrol Captain     |
    |  Satellite: Mir R0MIR-1, AO-27  | Jefferson County Sheriff's Dept|
    |200LX+BayPac+FT50=Portable Packet|     QTH Birmingham, AL USE     |
    *=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=*
```

Date: Wed, 20 Jan 1999 21:57:43 -0700
From: "Charles L. Stackhouse" <cstack@safelink.net>

To: <weinfurt@oak.cats.ohiou.edu>
Cc: <qrp-l@Lehigh.EDU>
Subject: [30377] Weather monitoring via serial port
Message-ID: <19990121050344338.AAA213@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Greg NS8O wrote:

>   I'm looking for a software package that would allow my PC (or Mac)
>to become an "event recorder." That is, it would be able to sample wind
>speed and direction via sensors connected to the serial port and plot it
>out on a minute by minute basis. That way you can get an idea of your
areas
>windspeed and direction over the period of a day, week, month, etc.

Greg, Look at the Website below by Prof. Peter Anderson. Look for the
"Morgan Weather Measurement System" (also called the "Serial Weather PIC").

     http://www.phanderson.com/weather/index.html

Good luck.   Charles L. Stackhouse
WA2IPZ QRP-L #362
Burley, Idaho
cstack@safelink.net

Date: Wed, 20 Jan 1999 20:54:50 -0800 (PST)
From: herr@ridgecrest.ca.us (Michael Herr)
To: qrp-l@lehigh.edu
Subject: [30378] Re: QRP TV
Message-ID: <v01530505b2cbe59c3d1e@[208.138.142.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Steve,
      There are some really nice and small cameras and transmitters out
there. I've used a small postage stamp sized 434 Mhz xmtr, flown it on
kites, skydivers and model rockets. Try PC electronics, they advertize in
the mags and I believe they have a web page.
72
Mike WA6ARA
>   >

>   >Gang,
>   >
>   >Has anyone out there in QRP land ever done any work with QRP TV?
>Specifically
>   >R/C aircraft equipped with a camera and transmitter. The camera
>doesn't appear
>   >to be a problem as there appear to be inexpensive off the shelf
>models
>   >available. Any ideas on a low power transmitter?
>   >
>   >73, Steve K8IDN

Date: 20 Jan 1999 23:08:52 -0600
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [30379] Price on non working Argo 505
Message-ID: <n1295248728.32696@msmailgw1.arlut.utexas.edu>

Someone had a non transmitting, and weak receiver Ten Tec 505 Argonaut QRP transceiver and wanted to know what it is worth?

In that state, (and also needing dial cord stringing), about $5, for the finals are probably blown, and you will have to substitute a different transistor for the push pull pair. Originals are obsolete, but I believe Ten Tec has said a 2N3553 (?) will work in each final location. It has come up before and is in the list archives I think.

Dial cord stringing can be done, and dial cord is available from Ten Tec with instructions. A tune up, and maybe some new caps ,or correcting any resistor changed value should perk up the receiver, and you wil have a piece of QRP history, that can do well on SSB or CW at 2 watts. Ten Tec supports virtually all the rigs it ever made, and will not cost you an arm and a leg if you want them to do it. But, we are QRPers in the tradition of amateur radio who build our rigs, and thus we should be able to repair them! Manuals are available from Ten Tec, and while not as good as todays' they will give you the basics to rebuild your 505.

Working 505s have sold among the Ten Tec list folks for $95 for bad condition cabinets and broken dial cord only to $300 for a pristine unit, working like new. There is even a Ten Tec SSB net on Sundays at 2300Z that often has several 505's check in on 20M. The frequency is changed to avoid QRM, but look above 14.180, and below 14.3. Somewhere around here I should get an email with the exact frequency, they annouce it on TT list every Fri.

72, and GL,
Stuart K5KVH, near Austin TX

Date: Thu, 21 Jan 1999 05:14:43 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: jeffj@scott.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30380] Re: Does this count as QRP?
Message-ID: <36A6B7C3.33055BB1@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff Johns wrote:

> What is the exact definition of QRP?
>

In the beginning QRP was 100 watts or less.
I don't know when the "standard" was reduced to 5 watts, but some
regard this as QRO now.
I guess you have to run .0025 of a watt to an old bed spring in the
basement to qualify as QRP. (tongue firmly in cheek)
--
 73 es have fun
 Peter
 VE6YC DO21wc

Drinking and calculus don't mix. Never drink and derive!!

Date: Wed, 20 Jan 1999 21:18:51 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: rohre <rohre@arlut.utexas.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30381] Re: Support of QRP by ham mags
Message-ID: <Pine.SOL.3.96.990120205033.9749B-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Stuart,

While I fully agree with the comment about not quoting

messages (!) I have to disagree about much of the rest of the post.

First, for 45+ years I have been hearing that ham radio is "aging".... if that had always been true we would have to be up to 100 yrs old now at least!

I have also heard how ham radio is dying out.... but it has gone from around 50K when I came on board to almost 1M now. Not sure how that can be called a drop in numbers!

But to the issue of supporting magazines that you don't like or agree with....

I don't do it. The only "vote" I have is with my dollars. As long as people pay their money there is no change.

QST and CQ have done far more for new hams than 73 has.

There is a regular QRP column in the ARRL publication The National Contest Journal. This puts the happy QRPer right in the middle of all the big gun contesters. How many subscribe to this magazine just to help support QRP and to keep the issue of QRP "out in front" of people?

Magazines are a very competive product. They must "win" the dollars of the readers. If I were to buy every magazine that I found interesting now and then, I'd never have the time to read them!

So I'll continue to vote with my dollars. Not sure what I'll do about the ARRL when time comes to renew....jurry is still out. Much of the nuts and bolts work by the ARRL is great and I really do like QST. But I HATE the direction it gets from the BoD!

And I was about to send a check to CQ but that was before I read this last editorial. Now the check will stay in the check book.

As much as we love QRP, we must realize that it is only a very little blip on the big picture of ham radio. While it does renew our interest and many who drop by, there are even more who don't care for it.

The "salvation" of ham radio does not lay with QRP. It lays with ALL hams. We need to keep people interested in the hobby and help them to all have fun, be it QRP or QRO.

And as sad as it seems, the major magazines are driven
by money. Without that they die. If their numbers start
down, they change content in an effort to get more readers.
If there numbers stay the same or grow, they take that as
a sign that they don't need change.

So instead of spending over $150/yr on radio magazines that I
don't think much of, I'll keep it and buy toys instead!

I do support the QRP magazines. (OK, not ALL but
many!) Oh, I don't drink or smoke so can't do like the
ham of your dreams and just not buy beer in order to get
drunk on Daddy Waynes little tidbits! :-)

Sorry (kinda of) for the long post but supporting "things"
that I don't like or agree with is a hot button of mine!

OK, back in my hole....

No radio playing tonight. The winds were 50-60+ here and
the SWR tends to jump around a bit!

cul,

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 21 Jan 1999 00:43:26 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [30382] Re: Ive got milliwatt fever - BAD
Message-ID: <cb93e2aa.36a6be7e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/20/99 10:22:37 AM Pacific Standard Time,
kj5tf@madisoncounty.net writes:

<< OK, nothing doing this morning across the pond east. But caught Kl2A/7

CQ'ing on 28.020mHz at 17:18Z, called him with 30mW and got a 559! So I ask if I can lower my power - YEP! We make it all the way down to the lowest measurment I felt I could make on my Oak Hills WM-2 1 milliwatt! Still he sends me a 229! >>

By the looks of it, you are seriously trying for SOME kind of record! keep at it! Jon is a very good op, i knew him when he was 12 and getting his first ticket in Alaska, i worked him 10 years later on 20 and was very impressed with his skills as a CW operator. im sure his skill helped pull 1 mw through!!....1 mw?? across country??....good lord, man!! that says something good about YOU!!

73...Adam, N7YA

Date: Thu, 21 Jan 1999 01:02:30 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <rohre@arlut.utexas.edu>
Subject: [30383] RE: Support of QRP by ham mags
Message-ID: <002301be4503$a0fd5d10$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

VERY WELL SAID Stuart!

Date: Thu, 21 Jan 1999 01:04:32 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [30384] Re: CALLSIGN CHANGE? NAAAAA
Message-ID: <ac9a2aae.36a6c370@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/20/99 12:44:04 PM Pacific Standard Time, radman@best.com writes:

<< I'm sure no
 one is critical of your personal taste in vanity calls,
 it's just that some of us have "owned" a few calls that

didn't work. >>

You got that right! try sending N7RAP under marginal conditions with 5 watts! how many times i got back "N7RAG", N7AAG", N7AAP"...and no flow to it either...looked cool though. or on a crowded band during contest...throwing AB7WY out there, ive gotten tendonitis from sending that one on a bug! i finally ended up with a call that has good rhythm, a 95% accurate readback....and was never assigned to anyone else!!! i cant top that, or ever part with this call!!

73...Adam, N7YA....im in WA.

Date: Thu, 21 Jan 1999 01:29:56 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [30385] Re: [Re: Gentleman's agreements... AND QRP]
Message-ID: <4ef18ab2.36a6c964@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/20/99 6:27:11 PM Pacific Standard Time, wa4dou@usa.net writes:

<< Rich,
   If they don't have speakers, then how do they comply with the necessity to confirm that a freq. is not in use before transmitting? 73 Roy WA4DOU >>

....maybe they sent QRL? in digital....just a thought.....

73...Adam, N7YA...im in WA.

Date: Thu, 21 Jan 1999 01:39:16 EST
From: ka7you@juno.com
To: rohre@arlut.utexas.edu
Cc: qrp-l@Lehigh.EDU
Subject: [30386] Re: Support of QRP by ham mags
Message-ID: <19990120.225535.2407.0.ka7you@juno.com>

Stuart and the group,
   I have to add that, as a VHF/UHF Contest Rover/Tinkerer, and as a QRP enthusiast, I subscribe to 73 (and have for almost ten years) for those two columns primarily! The "Above and Beyond" column by Chuck Houghton

has certainly raised my level of expertise, and I enjoy most of the regular columns in 73. I believe they are written for the less technically astute, but certainly interested ham.

Having said that, I must say that the most bang for the printed buck seems to come from the various QRP dedicated publications. That is the volunteer effort showing,that so many put into the publications. I can't thank those volunteer groups enough, for lighting a fire under me a few years ago, when I found out about this list, and all the activities, suppliers, and enthusiasts who were willing to share their knowledge and wisdom to us who the 'newbies' of the day.

I've seen many of the same questions recycled from my early days on the list, and many of the same members still answer the question as though it was the first time it was asked. There is little to none of the badgering which is often seen dished out to the newcomers on many other lists, and that good initial feeling goes a long way toward keeping a new list member from getting frustrated with the occasionl flame outbreak.

In this day of instant messaging, it is sometimes difficult to drop a real letter into the box with a note of thanks and/or constructive criticism, to your friendly publisher. But I guarantee you, they do get read; and I suspect they might carry a tiny bit more weight than an e-mail note.

And when you call an advertiser, be sure to mention where you saw the ad, even if you are not actually purchasing anything. It helps tham know how their message is getting out.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 and others

_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 21 Jan 1999 08:46:24 +0200
From: Laurentiu Alexe <lalexe@dnt.ro>
To: qrp-l@Lehigh.EDU
Subject: [30387] 2n2222 projects... where?
Message-ID: <36A6CD40.DAB@dnt.ro>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

There is a site where we can see some of the famous 2n2222 projects?
TU

73 de Dan YO3DAN
Bucharest Romania
#857 QRP-L   #8703 G-QRP

Date: Wed, 20 Jan 1999 22:12:57 -0900
From: Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
To: qrp-l@lehigh.edu
Subject: [30388] Re: Pre-FYBO adventure NO JOY!
Message-ID: <v03007802b2cc81761413@[208.151.121.188]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

     No Joy??? Quit your whining... If you really need a FYBO warm up (Pun Intended), get a plane ticket to Fairbanks and I will let you set up your tent in my back yard for a while... It is 44 below zero F here and dropping, should give your gear a good work out... If that's not enough, we can run you over to WL7VO's place in Chicken where it's a balmy 63 below F... No, those are not your wimpy wind chill factors, thats what the thermometers read...

     Take care and have fun... Gotta run out and split a couple logs and grab the ice cream out of the snow on the way back in... Antenna work tomorrow...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: http://www.ptialaska.net/~bhopkins/akqrp
                        - 10 Meter Beacon: 28.2825 +/-   KL7AQC / BCN

Date: Wed, 20 Jan 1999 23:37:59 -0800
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [30389] Toroids
Message-ID: <36A6D957.598FD4E8@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm curious.

I am playing with a single transistor transmitter to operate
on 40 meters, specifically 7.040. The designer uses a
toroid to couple the antenna. This toroid is specified to
be 2.3 uH, wound on a T-37-6 core.

My question is why?

My Amidon literature says this core has a frequency range of
12 to 50 MHZ. Why wouldn't you pick the T-44-2 core? At a
frequency of 7 MHz, there is only 3 windings difference, yet
they both produce the required 2.3 uH.

72,
Norm/KQ6SD

Date: Thu, 21 Jan 1999 02:48:08 EST
From: Ed Loranger <we6w@juno.com>
To: ehare@arrl.org
Cc: qrp-l@Lehigh.EDU
Subject: [30390] Re: Perpetual Borrowed Book -- Status?
Message-ID: <19990120.234227.7927.3.we6w@juno.com>

Ed, no apologies necessary!

No wonder I got to thinking about it, it was you who
offered the borrowing deal.

Very fine business. And I think it is a great idea.

I look forward to my turn on the list.

Thanks agn OM. And it is great what you are doing with
this RFI problem. K7GT/Allan is a go-getter too!

Your 10 milliwatts are loud and clear here in Santa Rosa, CA.

Thanks agn.

-Ed
On Wed, 20 Jan 1999 16:30:42 -0500 "Ed Hare, W1RFI" <ehare@arrl.org>
writes:
>Ed Loranger wrote:
><A question about 'qrp classics' book.>
....
>And Ed Hare sheepishly chimes in... My aplogies to all. Apparently I
>have a short memory. I collected three copies of the book, collected
>the list then got sidetracked and this one dropped off a cliff.
>
>I will pick up on this immediately and get the copies flowing.
>
>Does it help that I just saved 80 meters from wireless modem jacks?
>:-)
>
>73,
>Ed, W1RFI
>
>

72, Ed WE6W, AR Millennium QSO's=152/2000
http://www.qsl.net/we6w Radio, everyday in Santa Rosa, CA
QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 21 Jan 1999 01:58:11 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: N7YA@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30391] Re: [Re: Gentleman's agreements... AND QRP]
Message-ID: <36A6DE12.5FBBE1D5@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

N7YA@aol.com wrote:
>
> In a message dated 1/20/99 6:27:11 PM Pacific Standard Time, wa4dou@usa.net
> writes:
>
> << Rich,

> If they don't have speakers, then how do they comply with the necessity to
> confirm that a freq. is not in use before transmitting? 73 Roy WA4DOU >>
>
> ....maybe they sent QRL? in digital....just a thought.....
>
> 73...Adam, N7YA...im in WA.

Most digital operators do use speakers or headphones. Makes it much
easier to find signals. HI

Even if they didn't they could still tell if the frequency was in use by
the display on their multi-mode controller. Even weak cw will appear.
Atleast it does on my KAM.

And yes I do qrl using rtty. I don't require you do qrl using rtty, why
should I ask in cw in addition to rtty. If you hear a digital signal
come on for three or four seconds, better acknowledge in cw quickly. If
its a chirp type signal, its already too late.

73 de Dave, N0IT

Date: Thu, 21 Jan 1999 06:10:32 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: rohre@arlut.utexas.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30392] Re: Support of QRP by ham mags
Message-ID: <36A70B28.77F8@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Stuart and gang,

I have to agree. There is nothing that pushes away editors like lack of
interest! I do believe there are two reasons for the low rate of QRP
articles in current ham magazines.

First, we don't have as many supporters on the inside as we used to!
QST had Doug DeMaw, Doug Blakslee, Bruce Williams, among others, for a
long time. Today it has Ed Hare (his direction is elsewhere) and Zack
Lau (who is not all that well).

Their sources for articles are from the outside, IF YOU WRITE THEM.
They have published Dave Benson among others (even me). I notice a
significant problem among QRP authors -- thay take the easy way out!

One of our most prestigious authors has tried a couple of times and
given up to write for a QRP Magazine.

Spread the wealth, write a construction article for them, take a chance!

73

Date: Thu, 21 Jan 1999 02:46:28 -0900
From: Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
To: qrp-l@lehigh.edu
Subject: [30393] Re: AW: How *Order* DL Sierra PA?
Message-ID: <v03007800b2ccc1d63f3a@[208.151.121.188]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

     We are making some progress on ordering the DL-PA... The 2/99 issue
of Funk Amateur is now up on their web page... In the English section there
is a pointer to the order page for the amplifier, it is not fully
functional yet but a message says to be patient, it will be up shortly...
Here is the URL to take you directly to the English page...

          http://www.funkamateur.de/english/index.htm

     Guess I can put my credit card away for tonight... Take care and have
fun...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: http://www.ptialaska.net/~bhopkins/akqrp
                        - 10 Meter Beacon: 28.2825 +/-   KL7AQC / BCN

Date: Thu, 21 Jan 1999 13:05:27 -0000
From: Peter Zenker <Peter_DL2FI@csi.com>
To: "'bahr521@earthlink.net'" <bahr521@earthlink.net>, "'QRP-L via PoP3'" <qrp-
l@lehigh.edu>
Subject: [30394] AW: Sierra Amp from Funkamateur
Message-ID: <01BE453E.F85EBDC0.Peter_DL2FI@csi.com>

The Webmaster just phoned me, HE IS just designing the page. This evening (local DL) it will present!
Peter, DL2FI
DL-QRP-AG

-----Ursprungliche Nachricht-----
Von: Lee Bahr [mailto:bahr521@earthlink.net]
Gesendet am: Donnerstag, 21. Januar 1999 04:25
An: Low Power Amateur Radio Discussion
Betreff: Sierra Amp from Funkamateur

Has anyone heard about the availability of the 5 watt amp for the Sierra that is supposed to be available from German FUNKAMATEUR as of January 15th? I checked out their web page and find nothing on it. I did send them an e-mail asking for more information. Their web page is: http://www.funkamateur.de Lee Bahr w0vt

---

Date: Thu, 21 Jan 1999 07:11:35 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Cc: QRP-L List <qrp-l@lehigh.edu>, gqrp-l@blacksheep.org, towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com
Subject: [30395] Re: Radiotron Designer's Handbook (4th Edition)
Message-ID: <Pine.GSO.3.96.990121065254.8434C-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been inundated with questions about RDH-4, as well as many helpful comments. Here is a compendium of comments received concerning th merits of the book and source(s). (front and end matter removed for max brevity)

Radiotron Designer's Handbook (4th Edition) is available on CDROM from Audio Amateur Publications, Peterborough, NH (603) 924-6371. Nice job, in pdf format and cross-indexed. I've a copy and find it quite useful. Not as "comfortable" for casual perusing, but excellant for reference purposes.

73, Steve - N1SR

I picked up a CD copy of the Handbook at the Atlanta, GA store on the

closeout table for half price. I don't have it with me so I can't confirm the verison number but I'm fairly sure it's the same. I think there is one more there as of this week. I would call the Atlanta, GA number and see if someone in the store would check for you. If they won't I'll be glad to stop by and buy it and ship it to you if necessary.

Sam Billingsley   AE4GX   Atlanta, GA

[Note: Sam was the source of my concern that the CDROM might be going west. However, it appears from other notes that the close-out may have been only at the one store and perhaps with ionly 1 close-out copy left.]

I agree with you on the utility of the RDH. I had a well-used one until about a year ago. One of the engineers I used to work with when I retired wanted it in the worst way. I sold it to him for $50. He is a Hi Fi using tubes enthusiast and, as you know, there's lots of good old audio stuff in that book too.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

The RDH4 is (supposedly) now available in print in a 2-volume set. Try:

www.master-phonograph.com

It's $95 + s/h from Vacuum Tube Audio in the UK. I'm sure somebody like Antique Electronics has it stateside.

73 de nb1i
John

I recently acquired a copy of the British printing of Radiotron. Printed by Iliffe & Sons, the title is "The Radio Designer's Handbook". Still the same book. Mine has a dust jacket. I also have a copy of the British version of the third edition.

From: Chris Trask <ctrask@primenet.com>

L.B., an outstanding feature of the Radiotron Designers' Handbook is its index. It is postively the best index I have ever seen; if it's not in the index, it's not in the book.

73, Bob W6NBI

Do a search at the following address...I found one 4th edition...a bit pricy!

73, Dave, K1FK
Fort Kent, ME

http://www.bibliofind.com/cgi-bin/texis.exe/search.vor

I also checked www.bookfinder.com and www.abebooks.com. They all produce slightly different lists due to different connections and differences in how they read the material as formatted by various sellers. For example, the editor is Langford-Smith, and some give the full last name while other use Smith, letter Langford by a first name. Some searchers read edition numbers separately; other read them as part of the title. The seller listings may or may not include the edition # in the title (they put that info in notes). So use multiple searches at each site with variations so you get a complete picture.

The most reasonable way to swap some books of note, like RDH and Terman's REH (1943, printed at least through the 1950s), is for folks to ask the list(s) and if someone has a copy they are willing to let go of reasonably, let the swap be made. Booksellers in general have marked titles like these way up in most (but not absolutely all) cases. Check the searches before you ask so that you have an idea of market value and do not insult someone who asks you to name a price. But sellers might also consider not charging what the commercial market will bear. Somewhere there is a middle ground--and as always, once an inquiry is made, you may conduct further communication off list/direct.

I hope the information is useful to those in whom I awoke an urge to have one more excellent reference.

I regret that I do not have an instant source of Terman's REH, but perhaps one day a CDROM of it will come along. Or a reprint.

-73-

LB, W4RNL

L. B. Cebik, W4RNL
1434 High Mesa Drive
Knoxville, Tennessee
37938-4443 USA
(Off)(423) 974-7215
(Hm) (423) 938-6335
(FAX)(423) 974-3509
cebik@utk.edu
URL: http://web.utk.edu/~cebik/radio.html

Date: 21 Jan 99 07:19:26 EST
From: Kent@www0t.netaddress.usa.net, AE4Y <ae4y@usa.net>
To: <qrp-l@LEHIGH.EDU>
Subject: [30396] Re: [Re: Does this count as QRP?]
Message-ID: <19990121121926.27930.qmail@www0t.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Interesting that this should come up. I've just been re-bitten by the QRP bug and am getting back on with reduced power until I can get a QRP rig on line. I dug around and found my QRP ARCI membership certificate issued in 1978. There's a "100" on the logo instead of a "5" and it references 100 watts and lower as being QRP. I'd forgotten that we defined QRP at such high power levels once.

owner-qrp-l@Lehigh.EDU wrote:
> Jeff Johns wrote:

>

> > What is the exact definition of QRP?

> >

>

> In the beginning QRP was 100 watts or less.

> I don't know when the "standard" was reduced to 5 watts, but some

> regard this as QRO now.

> I guess you have to run .0025 of a watt to an old bed spring in the

> basement to qualify as QRP. (tongue firmly in cheek)

> --

> 73 es have fun

> Peter

> VE6YC DO21wc

>   _____

> Drinking and calculus don't mix. Never drink and derive!!

>   _____

Kent, AE4Y

Visit: http://www.qsl.net/ae4y/

_____
Get free e-mail and a permanent address at http://www.netaddress.com/?N=1

Date: Thu, 21 Jan 1999 11:36:04 -0800
From: Jon Iza <iapizloj@bicc00.bi.ehu.es>
To: qrp-l@Lehigh.EDU
Subject: [30397] Re: Movin' the FB40 and Metric units :-)
Message-ID: <36A781A3.1BAD@bi.ehu.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,
Joe N2CX posted yesterday (MSG #30242)"

> First you decapitate the oscillator can. A picture helps (and I may
> eventually post one up on the NJQRP web page) but the idea is that the
> top of the rectangular oscillator can is soldered or welded on. You
> can use the KD1JV sharp knife and steady hands trick, or simply use a
> Dremel tool and carefully grind thru the can all the way around the
> periphery about 1/16 inch (1.5875 mm for the metrically included) from
> the lower lip.   XXXXXXXXXXX
....

Nice try, Joe!
I would go for 2 mm :-)
It remembers me of a Swiss guy who went to Stanford for a PhD. He needed
a 10x10x20 cm fishtank made of plexiglass for some wastewater treatment.
Went to the shop and ordered that tank, but nice folks there asked for
Imperial units (that was the 70's). Back to the lab, conversion of
units, back to the shop.

After two months, fishtank was ready, and the bill went over 500 bucks.
Boss went nuts, and asked what for. Answer was:
- He asked for a precission tank, for he has given us the specs with
four decimal places! :-) :-)
Just like Joe! ;-)

Be well, and have a nice weekend
jon, ea2sn

Date: Thu, 21 Jan 1999 07:41:55 -0500
From: Fred J Kalt <w2xn@juno.com>
To: qrp-l@lehigh.edu
Subject: [30398] Support of QRP by ham mags
Message-ID: <19990121.074158.-905997.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone read "World Radio" ? They have a couple pages on QRP every
month also.   They also read QRP-L.

fred w2xn

Date: Thu, 21 Jan 1999 08:37:49 -0500
From: DNT1@daimlerchrysler.com
To: radman@best.com
Cc: qrp-l@Lehigh.EDU
Subject: [30399] Re: CALLSIGN CHANGE? NAAAAA
Message-ID: <05256700.004AE28E.00@lngodd02.notes.chrysler.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Conrad, NN6CW wrote:

> Keep thinking "rhythm" AND what makes it thru under the
> worst of band condx _with_ minimum repeats :-) I'm sure no
> one is critical of your personal taste in vanity calls,
> it's just that some of us have "owned" a few calls that
> didn't work.

> GL in your search -- you'll find it :-)

> vry 72 - Conrad Weiss - NN6CW

And that "CW" on the end sure does a good job of catching folks attention, doesn't it Conrad? ;-)

72,

Don T. AI4CW QRP-L#1670 Toney, AL

Date: Thu, 21 Jan 1999 08:44:59 -0500
From: "Gene Hall" <evhall@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Gene Hall" <wa4hhp@amsat.org>
Subject: [30400] Re: Making Circuit Boards
Message-ID: <012d01be4544$3eb514e0$32abbacd@#evhall>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I received a couple of inquiries about the cost of the Techniks P-n-P material. If you use a full sheet for each effort it is expensive but that isn't necessary.

The process I use is to open the paper tray on the laser printer and mark the top page with a pen. I consistently mark the left edge of the top surface so i can put the page back in the same way. I then print the layout graphic on that page of paper.

Next I cut a piece of the P-n-P film 3/8" to 1/2" larger than the graphic edge on all four sides. This allows for minor alignment problems.

Next I lay the film on top of the printed graphic with the dull side up and tape one edge of the film to the paper. This method works best if you can identify the direction that the paper moves through the printer and tape the "leading" edge. On the HP printers I have used, it is the edge nearest the front of the paper tray.

I then put the paper/film combination back in the paper tray with the marking in the same location and print the graphic again.

So far this has worked quite well for me with the laser printers and I don't know of any reason that it wouldn't work on copiers also. All you need is a

1:1 size graphic of the circuit you want.

REMEMBER that when you place the dull side down on the copper and iron it you are reversing the image. I fell into that hole myself the first time I did this.

I produce my graphics using the Cadsoft Eagle Layout Editor Light version they have on their webside www.cadsoftusa.com for downloading and free use for hobbyist. I recommend this package, it's quite a tool for laying out the SMD parts I'm working with.

They have a checkbox in the print window that automatically prints a mirror image for you to take care of the print reversal.

Although it is a bit tricky you can also build custom "devices" to fit those obsolete and oddball packages you have in your surplus stockpile. If anyone has a problem in this regard drop me a note and I'll pass along what I've learned one-on-one to keep the list bandwidth down.

Hope this helps out.

72/73 ... Gene ... wa4hhp@amsat.org

Date: Thu, 21 Jan 1999 08:48:47 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: qrp-l@lehigh.edu
Subject: [30401] QRP TV
Message-ID: <7F3D7334ABE6D11196F500A0C9B426B65A4D32@exchange.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

I've read a few posts here about QRP TV. We have two men here in the Lab club who have built very nice ATV project at the 1 -2 watt level. Both setups worked great. We used both of them in the last HealthFest 5k Run here on-site. We had a receiving station and monitor at the Start/Finish line and both N2JWX - John and K2YKH - Ron were mobile with their ATV cameras shooting the entire race. The monitor had an A/B typ switch on the receiver so both camera shots could be view back and forth via the manual switch.

If you would like to ask a question of get some information from either of them, I'm sure they would be happy to share their knowledge and the equipment (type, size, weight, etc.) with you.

John - N2JWX: cupolo@bnl.gov
Ron - K2YKH: dobert@bnl.gov

Good luck es 72,

Nick - kf2ph . .

--
Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator   RHIC Project   Building 1005
Tel: (516) 344-5467   UPTON, NY   11973-5000
Fax: (516) 344-3674   Ham Call: KF2PH
Email: nickf@bnl.gov   http://www.rhichome.bnl.gov/People/franco

---

Date: Thu, 21 Jan 1999 06:56:27 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Norm Melick <henmel@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30402] Re: Toroids
Message-ID: <Pine.BSI.3.96.990121065316.24249B-100000@usr07.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

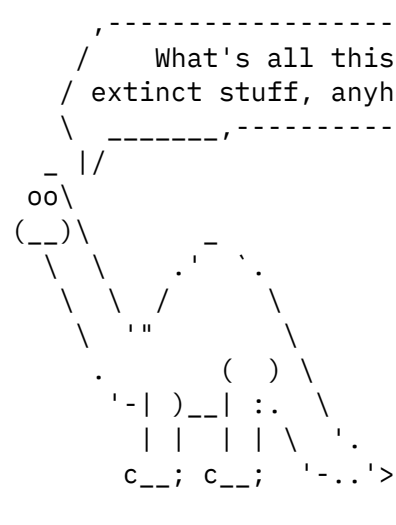
On Wed, 20 Jan 1999, Norm Melick wrote:

> I'm curious.
>
> I am playing with a single transistor transmitter to operate
> on 40 meters, specifically 7.040. The designer uses a
> toroid to couple the antenna. This toroid is specified to
> be 2.3 uH, wound on a T-37-6 core.
>
> My question is why?
>
> My Amidon literature says this core has a frequency range of
> 12 to 50 MHZ. Why wouldn't you pick the T-44-2 core? At a
> frequency of 7 MHz, there is only 3 windings difference, yet
> they both produce the required 2.3 uH.
>

    Using -6 material at 7 MHz does no harm, and certainly a -2 core would be more suitable. It may very well be that the designer had a jar full of those on hand. I have a small jar full of Fair Rite 43 mix balun

cores and use tham all the time, even though I know that I'm sometimes
pushing the limit of their performance.

When you're cheap, you're cheap.



Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Thu, 21 Jan 1999 15:08:01 -0000
From: Peter Zenker <Peter_DL2FI@csi.com>
To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [30403] DL-QRP-PA order form now on server
Message-ID: <01BE454F.FED41F40.Peter_DL2FI@csi.com>

Sometimes good things need time to be finished.

Today the FUNKAMATEUR Webmaster installed the order form and a picture at the WEB
Site http://www.funkamateur.de

You now can order our PA by using the www and your creditcard

click the "english site" button,
click the DL-QRP-PA order now button or the PA-picture as well.
To get more technical details you find a link to the DL-QRP-AG Homepage.
Members of DL-QRP-PA built the PA into different QRP rigs e.g.
SIERRA

NorCal40 A
different TenTec kits
because it is a push pull linear, it is also useable for the White Mountain.

The Kit is pre assembled, all SMD parts are allready mounted.
Gain is 35 dB + - 1 dB between 1,8 and 50 MHz.
It is exactly the same PA as delivered by the German QRP Club DL-QRP-AG before,
but the PC board is a little bit more professional now ;-)

have fun with the first DL-QRP-AG kit
(more kits will follow:
50Mhz txvr PC boards are in production,
plugin module sw txvr is sold out in the moment, but new boards are in production
More details you will find at the DL-QRP-AG homepage (mixed language: German and
pidgin english)

http://ourworld.compuserve.com/homepages/peter_dl2fi

72 de Peter, DL2FI

Date: Thu, 21 Jan 1999 09:23:35 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: w2xn@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30404] Re: Support of QRP by ham mags
Message-ID: <36A73866.9FAC7536@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"World Radio" plans to publish
QSL cards that display "QRP"

Send your QRP card to:

Richard Fisher (KI6SN)
1940 Wetherly Way
Riverside, CA. 92506

OR

E-mail to: KI6SN@aol.com

Tom, N1TP, Naples, Florida.

* * *

Fred J Kalt wrote:

> Does anyone read "World Radio" ? They have a couple pages on QRP every
> month also.   They also read QRP-L.
>
> fred w2xn

Date: Thu, 21 Jan 1999 08:26:11 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [30405] Re: Support of QRP by ham mags
Message-ID: <199901211431.IAA10197@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

The last (with emphasis on last) issue of 73 I bought had articles on
a quack medical cure and building a receiver to listen to the
Hale-Bopp spacecraft. I enjoyed the QRP column quite a bit several
years ago when I was a subscriber; in fact the column was the main
influence in starting my interest in QRP.

I stopped subsribing to 73 when I decided I was getting too many
magazines. Excluding the QRP column, I found 73 becoming very "weak".
(Actually meeting Wayne Green didn't help my opinion, either.) I
grabbed a copy at the local ham store (the Hale Bopp issue) to look
for QRP info after being away for a few years; after seeing the issue
I decided I wouldn't waste my time even looking at 73 on the shelf
(much less shelling out my dollars.)

If one wants QRP in a major magazine, consider QST. They don't have a
regular QRP column, but they have published quite a few great QRP
projects over the years.

Even better, subscribe to a QRP magazine. The QRP ARCI magazine is

great, if you don't mind not having articles on silver in your diet
or the lack of rants about the League.

Wayne Green is not listed as the head of the 73 for a reason. He
changed the ownership of the magazine before a bankruptcy. It may or
may not have been sold since; maybe the aliens will radio us a
message.

In an unrelated note, if anyone is interested in AM stereo they
should consider going to Radio Shack to get the AM Stereo Walkman
shown on page 93 of the 1999 catalog, lower left corner. These are
getting hard to find. (I still regret not buying the FM/AM Stereo
component tuner years back when it was closed out at $25!)

73 Bryan W8LN

Date: Thu, 21 Jan 1999 09:33:59 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: DNT1@daimlerchrysler.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30406] Re: CALLSIGN CHANGE? NAAAAA
Message-ID: <36A73AD7.99FA2AC6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For a short time (144 QSOs) I was KF4NK
- possibly the worst call sign in the USA:
No phoentics and "K" at the end. Next
was WX4V - a great "sing song" CW call,
but many ops had trouble copying it. N1TP
is not a beautiful sounding CW call, but
everyone gets it right the first time heard.
For me, the best CW call is one that
ops copy correctly the first time.

Tom, N1TP, Naples, Florida.

DNT1@daimlerchrysler.com wrote:

> Conrad, NN6CW wrote:
>
> > Keep thinking "rhythm" AND what makes it thru under the
> > worst of band condx _with_ minimum repeats :-) I'm sure no

> > one is critical of your personal taste in vanity calls,
> > it's just that some of us have "owned" a few calls that
> > didn't work.
>
> > GL in your search -- you'll find it :-)
>
> > vry 72 - Conrad Weiss - NN6CW
>
> And that "CW" on the end sure does a good job of catching folks attention,
> doesn't it Conrad? ;-)
>
> 72,
>
> Don T. AI4CW QRP-L#1670 Toney, AL

Date: Thu, 21 Jan 1999 06:40:02 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: evhall@ix.netcom.com
Cc: QRP-L@lehigh.edu
Subject: [30407] Re: Making Circuit Boards
Message-ID: <19990121144003.5096.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

>I received a couple of inquiries about the cost of the Techniks P-n-P
>material. If you use a full sheet for each effort it is expensive but
that
>isn't necessary.

[...]

Just last week I built an inductance adapter (see ARRL Handbook) for my
DMM and used the laser printer method to produce the PC board. HOWEVER,
I used plain old ordinary magazine paper (a page ripped from the trade
journal, FOOD PROCESSING, to be precise. QST's would probably work :-).
NO! don't do that.) for the transfer. It worked great except that I had
to redo the first attempt because the toner smeared out from excess heat
(apparently set the iron too high and used it too long).

Brad

Get Your Private, Free Email at http://www.hotmail.com

Date: Thu, 21 Jan 1999 08:19:57 -0700
From: "Dan Tayloe" <Dan_Tayloe-P26412@email.mot.com>
To: qrpl <qrp-l@Lehigh.EDU>
Subject: [30408] Lumped circuit eqv of 1/4 wave trasformer?
Message-ID: <36A7459D.71868ED2@email.mot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Could someone give me a pointer on lumped circuit
equivients to a 1/4 wave transmission lines? I looked
in one of my ARRL handbooks, an ARRL Antenna handbook,
and the ARRL Microwave projects books and could not
find any references.

About the only clue I found was the equation for
characteristic impedance and its relationship to
distributed L and C.

I think I recall a 1/4 wave lumped circuit equivilent
circuit being simply a C-L-C Pi type network.

I want to play with VXOs a bit.

Anyone have the 1 Hz (or 1 radian), 1 ohm model?

- Dan Tayloe, N7VE, Phoenix, Az; Az ScQRPions; QRPL # 696

Date: Thu, 21 Jan 1999 10:55:25 -0500
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [30409] Re: CALLSIGN CHANGE? NAAAAA
Message-ID: <001901be4556$8b9a45c0$4507f0d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

A good friend of mine in San Carlos, Ca. has the worst CW call sign. =
K6ISH. Walt never works CW, I wonder why?

Ken/ne0c
USAF Retired
Flushing, Ohio
ne0c@1st.net

Date: Thu, 21 Jan 1999 08:01:05 -0800
From: Bill Jones <kd7s@psnw.com>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30410] Re: Support of QRP by ham mags
Message-ID: <36A74F41.A83ED423@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gentlemen,

It's so simple! If you want more QRP articles in the ham magazines,
write one yourself. Probably 90% of the published articles in QST and
CQ are reader submissions. You've probably read some of my articles in
QST. Now I want to read yours.
--
==========
Bill Jones - KD7S <><
Sanger, California
http://www.psnw.com/~kd7s
==========

Date: Thu, 21 Jan 1999 08:01:55 -0800
From: "Donald Jones" <djones@ckc.com>
To: "QRP-L Message" <qrp-l@lehigh.edu>
Subject: [30411] Re: TCI RFI from Wireless Modem Jacks
Message-ID: <000601be4557$5ee52760$69460a0a@ENG_DJONES.ns4.mci.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi Gang,

I am employed as a EMC Test Engineer, and I test products simailar to these for a living. I would like to add a comment (or two) regarding all commercal "Consumer Electronics" and Electromagnetic Interference (EMI).

The FCC's Pt 15 and CISPR 22 (European) typically do not require Radiated Emissions testing below 30MHz, and only look for Conducted Emissions on Interconnecting cabling below 30 MHz. Especially for products rated for Light Industrial / Residentual use.

Unfortunately we as HF Op's have to face these ugly consequences.

The bottom line is that these manufactures can simply claim that "our product is complient." I would like to echo Ed Hare's comment that we go easily with these OEM's and their ethical desire to be "spectrally clean".

If you desire to find a "Consumer Electronic Product" that is tested for Radiated Emissions below 30 MHz, look for something that is designed to and tested to DO-160D Section 21 or. The only problem is that you have to spend an extra 10k bucks to purchase it.

73,
Don Jones KO7i
EMC Test Engineer
CKC Labs, Inc
Redmond, WA

djones@ckc.com
www.ckc.com

Date: Thu, 21 Jan 1999 09:02:34 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Bryan Turner <turnerw@email.uah.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [30412] Re: Support of QRP by ham mags
Message-ID: <Pine.SOL.3.91.990121082009.2612B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 21 Jan 1999, Bryan Turner wrote:
> Excluding the QRP column, I found 73 becoming very "weak".

> (Actually meeting Wayne Green didn't help my opinion, either.)
   ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

  Yeah, that's what killed it for me too.
  And listening to an interview with him on the Art Bell show
  wrapped it up! And I thought Richard Hoagland was extreme.

  The last copy of "73" I bought was the one with the cure AIDS
  with electrolysis contraption in it. Sorry, I'm outta here.

> Even better, subscribe to a QRP magazine. The QRP ARCI magazine is
> great, if you don't mind not having articles on silver in your diet
> or the lack of rants about the League.

I agree. If you're interested in QRP, operating, electronics,
and/or construction, the QRP journals are the way to go. By QRPers,
for QRPers ... and most single issues contain more information than
you'll find in any of the major magazines.

Personally, I subscribe to "WorldRadio" and "CQ" and dropped the
other two long ago. They continue to have a good QRP presence and
show the spirit of ham radio as a hobby and the human interest side.

But Bruce Muscolino is right in that we all need to contribute to the
hobby and the journals, whether the QRP journals or the big boys.

72, Paul NA5N

Date: Thu, 21 Jan 1999 10:47:01 -0500
From: "David Burniston" <davidgb@nortelnetworks.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30413] RE: Making Circuit Boards
Message-ID: <915C65C50371D11187AD0000F881B9A4025C39FC@bcarua62.ca.nortel.com>
MIME-Version: 1.0
Content-Type: text/plain

I've been using a similar method for years. I bought some glossy paper from
a local print shop and I use this. The gloss coating keeps the toner from
adhering to the paper fibres so you get better release when it is ironed.
With a bit of practise, you can get very good quality boards.

... Dave
VE3LFO

> >I received a couple of inquiries about the cost of the Techniks P-n-P
> >material. If you use a full sheet for each effort it is expensive but
> that
> >isn't necessary.
>
> [...]
>
> Just last week I built an inductance adapter (see ARRL Handbook) for my
> DMM and used the laser printer method to produce the PC board. HOWEVER,
> I used plain old ordinary magazine paper (a page ripped from the trade
> journal, FOOD PROCESSING, to be precise. QST's would probably work :-).
> NO! don't do that.) for the transfer. It worked great except that I had
> to redo the first attempt because the toner smeared out from excess heat
> (apparently set the iron too high and used it too long).
>
> Brad
>
>
>
> ____
> Get Your Private, Free Email at http://www.hotmail.com

Date: Thu, 21 Jan 1999 09:09:20 -0700
From: "James R. Duffey" <ji3m@maxwell.com>
To: Vic Rosenthal <rakefet@rakefet.com>
Cc: qrp-l@Lehigh.EDU
Subject: [30414] Low Profile 80/40/30 Antenna
Message-ID: <v0300780fb2ccfa3125dc@[199.120.49.101]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Vic - I don't know if this is consistent with your plans or not, but I would suggest using an LDG antenna tuner at the base of a vertical. LDG makes a 100 W version of the tuner I don't know if you sin at higher levels than this or not:^)>

You could use a whip up to 5/8 wave on 30 M and still perserve the low angle of radiation of verticals. That would be about 55 ft! The 40 ft should work fine on 40 M and 30 M, but you may notice some decrease in efficiency on 80M. The bandwidth will certainly be narrow on 80M. The 40 M will also work fine on 20 M where it is slightly less than 5/8 wave.

The balanced line would have high SWR on 80 M with your proposed configuration and may have some losses as a result. Depending on the length of your run you may be better off loss wise on 80M with RG-8. The calculations are straightforward to make though.

You might also want to look into implementing some of Cecil, W6RCA's techniques for tuning the antenna with varying feedline lengths.

Don't know if the LDG fits your budget or power levels, but combined with a whip it should make a very nice "hands off"-low profile-low loss system. You will need a good ground of course, but it looks like you are addressing that already.

When compared to commercial antenna alternatives the LDG/whip combination is quite reasonable and if you get tired of that configuration you can always use the tuner and tubing elsewhere. If you buy a commercial antenna your alternatives are limited.

Good luck with it and let us know how it turns out. - Dr. Megacycle KK6MC/5

James R. Duffey <ji3m@maxwell.com> (505) 764-3143
Maxwell Technologies Inc. http://www.maxwell.com/
2501 Yale Blvd SE Suite 300
Albuquerque, NM 87106-4200

Date: Thu, 21 Jan 1999 09:21:25 -0800
From: af852@rgfn.epcc.edu
To: qrp-l@lehigh.edu
Subject: [30415] Re: [Re: Gentleman's agreements... AND QRP]
Message-ID: <36A76215.24A9@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

They don't which is one reason why we have such a problem on
many of the bands. I also noticed that in the January issue of
QST, the listing of "The Considerate Operator's Guide" pp 86,
the 3.560 Mhz qrp calling freq was left out. Not much good here
anyway as it is full of traffic nets, the Mi calling freq of 3.535Mhz
is usually much better as is 10.116 over that of 10.106 on the
30 meter band.
--

Ray Colbert,
(also w5xe@juno.com)
El Paso, Texas (Far West Texas)

Date: Thu, 21 Jan 1999 11:30:33 EST
From: Richard Rood <fcsw@juno.com>
To: k8dd@contesting.com
Cc: qrp-l@Lehigh.EDU
Subject: [30416] Re: Y2K Y1K Y0K
Message-ID: <19990121.112837.4839.2.fcsw@juno.com>

On Wed, 20 Jan 1999 22:03:53 -0500 Hank Kohl K8DD <k8dd@contesting.com>
writes:
>Everyone is concerned over the problems with Y2K. It is really a
>small
>problem, a very small problem, switching from 1999 to 2000 and beyond.
>
>
>Just think of the problems of Y0K (YzeroK) when the world went through
>the conversion from counting down the minus BC years in a negative
>direction to counting up the positive AD year numbers and counting in
>a
>positive direction. That must have been an absolute mess, and they
>didn't even have computers!
>
>73   Hank   K8DD
>
>
Eureka! I've stumbled upon the solution!
Computers can continue using 2 digits for the current year.
We are advancing from the year MCMXCIX to the year MM.
What's the problem?

dick, w2scf, south jersey

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 21 Jan 1999 10:32:17 -0600
From: Bob Reynolds <breynold@sigg.com>
To: qrp-l@Lehigh.EDU
Subject: [30417] Y2K rig problems
Message-ID: <99Jan21.102735cst.26950@firewall.sigg.com>

Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Most companies are scrambling to correct
their computers for the change to year 2000.

What will happen to all the computer based
ham rigs ? Will the QRM drop to the level
when Neil first stepped on the moon ?

73, Red K5VOL (no computer based rigs)

Date: Thu, 21 Jan 1999 08:35:47 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [30418] Tower guy wires
Message-ID: <Pine.SOL.3.96.990121082501.14910B-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all,

The subject of tower guy wires was mentioned a few days
ago. I thought I'd throw this observation out....

On my 85' of 25G I use 3 sets of PHILLISTRAN guys. For
the end connections I use the metal wire wraps that are
sold for that use. No potting ends any longer!

The other way is to use metal wires. If you use metal you
MUST break them up with insulators very often. Look in
any handbook to see how often.

People talk about Phillistran being expensive. But it costs
less than buying all the wire, insulators, clips or Big Grips
and thimbles you need if using metal!

Look at the total price of the guy system not just one part!

And please remember that no guyed tower is any better than the
guy system on it.

EVERY tower I have seen fail (fall) has been due to a failed
guy wire. I have seen them break, pull out from under the clips
and even anchors pull out of the ground!

I was thinking about this last night as I was a peak wind gust
of 128 knots on a local mountain top. The winds here were
strong. While feeding the cows it picked me up and put me on
the fence.... and I weigh in at about 225 lbs!

But watching the antenna just sit there and flex and not even
feel any vibration on the guys is all the pay back I need for
the 7 yrds of concreat and high quality parts used in the whole
system.

I slept soundly!

If you put up a tower, do it RIGHT!

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 21 Jan 1999 11:36:20 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-l@lehigh.edu
Subject: [30419] Re: Wow! My first PSK31 QSO
Message-ID: <Pine.SOL.3.92.990121112532.28985C-100000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bill KD7S wrote:

> I got home from the office this evening and installed
> the Sound Blaster version of PSK31 on my PC...

Since nobody on the list said anything, I will: CONGRATULATIONS!

I tried the Windows version of PSK31 on my doorstop 486
with very entertaining results (mainly profanity :-), but
little data transmission. If the Linux version doesn't work
any better I may just have to whomp up an ADSP-2181
version. As if I didn't have enough to do. :-}

Laura Halliday VA3LDH   "Que les nuages soient notre
Grid: FN03gs   pied a terre..."

- Hospital/Shafte

Date: Thu, 21 Jan 1999 11:38:39 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [30420] CHANGING CALL SIGNS
Message-ID: <36A7580E.F9B4BE99@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is - N1DIT - the shortest call in the USA?

I once thought that N5EE was a good CW call
but I've heard call signs with more than one "E" in them
and those call signs are hard copy under poor conditions.

Tom, N1TP, Naples, Florida ... on vacation this week.

Date: Thu, 21 Jan 1999 10:43:33 -0600
From: Bob Reynolds <breynold@sigg.com>
To: qrp-l@Lehigh.EDU
Subject: [30421] MFJ 16010 Tuner
Message-ID: <99Jan21.103855cst.26950@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Listed in this months QST, and in past
issued is an MFJ 16010 tuner. This has two
knobe, probable one to a variable cap and
one to a tapped inductor.
I have a MFJ 16010 with three knobs (not
a mod), the center to a tapped inductor and
one cap (transmitter) and a second cap
(antenna).

WHAT HAPPEND ?

73, Red K5VOL

Date: Thu, 21 Jan 1999 11:48:16 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [30422] Thanks! Event recording software suggestions.
Message-ID: <v03110707b2ccfbd77487@[132.235.81.68]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Guys and gals,
     Thanks much for taking time to answer my inquiry! I've got a lot of responses and I'm going to try and evaluate each one. Allow me to thank each of you on the list that e-mailed. Great group of folks here on the list!

73

Thanks again!

Greg NS8O

Date: Thu, 21 Jan 1999 10:44:47 -0600
From: "Larry Cruise" <aa5ta@texasonline.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [30423] RE: Multiband vertical idea
Message-ID: <000101be455d$babee3e0$7b10cfd0@fpfzqlga>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Multiband vertical idea -- thoughts?

For the ultimate in simplicity for a multi-band vertical that requires no traps check out page 7-15 in the latest ARRL antenna book. It can be found in later editions in the Multiband Antennas chapter.

The antenna is simplicity itself. It consist of a vertical element and a

single wire radial. It is fed with open wire feeder. I have used this configuration in various sizes and it works well. I am using a Radio Works balun (RemoteBalun 4tm) made specifically for this kind of service (http://www.radioworks.com/. I have used this antenna in roof mount and ground mount configurations and both work well. Of course the commerical vertical antenna makers don't want you to know about this simple effective antenna. :)

Try it in it's basic configuration before experimenting with other configurations. Yes the antenna does have some directivity in the direction of the radial. Sloping the radial improves the low angle performance some. A fun antenna to play with and it is a good FOX catcher as well. :)

-72 aa5ta (West Texas)

>Multiband vertical idea -- thoughts?

Vic Rosenthal (rakefet@rakefet.com)
Wed, 20 Jan 1999 09:27:30 -0800

I've been wanting a visually-simple rooftop vertical for 80/40/30 meters, and
I've considered various commercial options; but they're all either expensive,
ugly (from the neighbors' point of view), or promise poor performance. Next, I
thought about building a simple 40' whip with a relay-switched tuning box at the
base. This would probably work, but would require some expensive components for
high power (sometimes I sin), plus a method of operating the relays, etc. being
lazy, I came up with a simpler idea:

How about a 40' whip, fed with ladder line through a reverse-connected W2DU-type
balun (this is the balun made by slipping ferrite cores over a short piece of

coax)? For a ground system, I would use 2 shortened radials on each band, each
pair resonated by a short length of ladder line.

The system could be matched in the shack with my Johnson Matchbox. This gives
me an efficient antenna with no visible traps, stubs, etc., and no tuning
devices on the roof. The W2DU balun is probably the only type that would work
in this high-swr application.

Am I nuts (please, no one-word answers)?

73,
Vic, K2VCO
Fresno CA

Date: Thu, 21 Jan 1999 11:46:54 EST
From: Ed Loranger <we6w@juno.com>
To: iapizloj@bicc00.bi.ehu.es
Cc: qrp-l@Lehigh.EDU
Subject: [30424] Re: Movin' the FB40 and Metric units :-)
Message-ID: <19990121.084059.4775.1.we6w@juno.com>

On Thu, 21 Jan 1999 11:36:04 -0800 Jon Iza <iapizloj@bicc00.bi.ehu.es> writes:
>Gang,
<Previous quote RE:cutting oscillator cans and height from bottom>
....Humorous measurement story from Jon:
>After two months, fishtank was ready, and the bill went over 500
>bucks.
>Boss went nuts, and asked what for. Answer was:
>- He asked for a precission tank, for he has given us the specs with
>four decimal places! :-) :-)
>Just like Joe! ;-)
>
>Be well, and have a nice weekend
>jon, ea2sn
>
This is SO TRUE! Back in Chemistry class we learned a lesson
about this. Measurements down to half way between the finest
tic. All measurements to the same resolution, and the final

results of multiple measurements are in the lowest resolution
used in the math.

A 1.0 foot board length and a 1.0000000 foot board are probably
used in different projects. 1.0 board to chock a door, the
1.0000000 board going to a precision telescope mount.
<Sri abt the weak analogy :)>

Then there's no point in measuring a metal rod tighter than
it's expansion rate. Imagine a metal rod that changes in
length with temperature, 1 mm per degree C. Depending on
the temperature it was measured and cut at, you'd never get
the right rod length. Specifying 1.0 mm at 25C will get you
what you want to +/- .05 mm. (Half again as the finest tic on
your measuring tool.)

Rounding Errors. A good one I heard is "Always round to make
a number EVEN". Only round when the answer ends in a "5"
at the resolution you are capable.

Examples:
 1.25 = 1.2 (For .1 scale, 1.20 for .01 scale)
 1.35 = 1.4 (Same)
 1.45 = 1.40
 1.5 = 2   <== Notice this is .5 resolution for 1,2,3 scale.
 1.5 = 2.0 <== Notice this is .05 resolution for .1,.2 scale.
1.50 = 1.50 <Note this doesn't get rounded due to precision.>

Note that precision and accurracy are two different things.
Precision deals with the repeatability of measurement.
Accurracy deals with how close your measurement is to the
TRUE measurement value when all Error values are known.

Disclaimer:This post drawn from stored knowledge and not
researched. Supplied contemporaneous with the email discussion
needs.
-Ed Loranger "72"

72, Ed WE6W, AR Millennium QSO's=153/2000
http://www.qsl.net/we6w Radio, everyday in Santa Rosa, CA
QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 21 Jan 1999 08:42:13 -0800
From: William Phinizy <wphinizy@connect3.com>
To: "'QRP-L List Server'" <qrp-l@lehigh.edu>
Subject: [30425] OHR 500 Package
Message-ID: <01E700B492CBD1118441006097B6807212700F@LONGBEACH_EXCH>
MIME-Version: 1.0
Content-Type: text/plain

Curt, I will meet this price. Please respond to wphinizy@connect3.con or
k6whp@gte.net..

72, Bill

You wrote:

Had interest but they vanished for some reason, so ----
Unassembled OHR500 stn complete with DD-1 and keyer all in sealed bags
never opened. Package only please. Shipped in 48 for $375 Firm..

Date: Thu, 21 Jan 1999 11:46:20 EST
From: RangerSF5@aol.com
To: N4NT@wireco.net
Cc: qrp-l@lehigh.edu
Subject: [30426] Re: [TenTec] Re: Digital Display for Argosy I?
Message-ID: <296d91d6.36a759dc@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 99-01-21 10:52:11 EST, you write:

<<
 The thing I miss about not having a digital display is when calling friends
 who monitor a particular frequency or trying to monitor one myself. During
 much of the day my rig sits on 7020 kHz. If you call me on 7021, I may well
 not he >>
I wouldnt worry about it to much.
Just because a rig has a digital display,doesn't mean it's accurate.
Also some guy's/gal's like to hear CW at a higher note and others at a lower
note and others are off a bit on the zero beat.
But if you want to really upgrade thar rig,there is a kit that has the digital
display and other modifications for it @ $140.00.

I think the best way out is a outboard unit.
If you go to the Ten Tec page,there is a link there for the *unofficial Ten Tec Site*
Thats where all the info is for the mods and the price of the kit.
BTW,Some of our QRP vendors sell counter kits that will work.
Remember,there ain't no such thing as *I CAN'T*.
Make it fit.
GL Bob
WA2HOQrp <tm>

Date: Thu, 21 Jan 1999 09:01:42 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Peter Larsen <larsenp@cadvision.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30427] Re: Does this count as QRP?
Message-ID: <Pine.SOL.3.96.990121084401.14910E-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 21 Jan 1999, Peter Larsen wrote:

> Jeff Johns wrote:
>
> > What is the exact definition of QRP?
> >
>
> In the beginning QRP was 100 watts or less.

This has been up and down over the years.

When I started in 1953, QRP was understood by most to be
5 watts input.

Then the QRP ARCI was formed in 1961 and they defined it
as 100w. Can't remember if that was input or output. I do
remember that I didn't join because that wasn't what most
of us thought QRP was!

I always thought of it as a group of whinners that started
their own club because they couldn't get their own way
otherwise! :-)

>From there it finaly became a great "real" QRP club, thanks
in no small part to some of the members of this list.

For a good history of that change, read the article by

Ade Wess in the July 98 (I think) issue of the QRP ARCI
Quarterly.

All this just to show that the definition of QRP has
changed over the years and I'm sure it will change again
at some point in the future. There are those who still
want to define it using ERP.

And it's even different for CW or SSB in some groups.

The ARRL uses the 5w output level for all modes while
most others use 5w for CW and 10w for SSB. Many don't
mention other digital modes but others do. All I know
of use 5w output for the digital modes.

So if you are doing SSB QRP and want to send a card in
for any award done by the ARRL, remember it's 5w with
them!

Enjoy,

73, Ron,   SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 21 Jan 1999 09:24:18 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [30428] Funkamateur PA Ordering
Message-ID: <01be4562$e069e360$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just visited the Funkamateur page suggested by our friend Peter Zenker and
ordered the PA kit. It was very easy to do, and the price is right, $49 US.
They take major credit cards. Just wanted Peter and others to know that the
site is working fine. 72, Doug, KI6DS

Date: Thu, 21 Jan 1999 11:18:44 -0600
From: Jeff Johns <jeffj@scott.net>
To: breynold@sigg.com
Cc: qrp-l@Lehigh.EDU
Subject: [30429] Re: Y2K rig problems
Message-ID: <199901211718.LAA13500x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Thu, 21 Jan 1999 10:32:17 -0600, Bob Reynolds <breynold@sigg.com> wrote:

> What will happen to all the computer based
> ham rigs ? Will the QRM drop to the level
> when Neil first stepped on the moon ?

Most rigs don't care what the date is.... so it won't really matter. On a related note, my poor father is scared to death that we goes to cran up his truck on Jan 1, 2000 it won't start, I've tried to explain it to him, but he fell for the media hype <grin>.

73 Jeff W4JEF


```
    *=-=-=-=-=-=-=-= Jeff Johns W4JEF - AMSAT# 32615 -=-=-=-=-=-=-=*
    |jeffj@scott.net  w4jef@amsat.org |     Reserve Patrol Captain     |
    |  Satellite: Mir R0MIR-1, AO-27  | Jefferson County Sheriff's Dept|
    |200LX+BayPac+FT50=Portable Packet|     QTH Birmingham, AL USA     |
    *=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-*
```

Date: Thu, 21 Jan 1999 09:23:12 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <ne0c@1st.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30430] Re: CALLSIGN CHANGE? NAAAAA
Message-ID: <002901be4562$bc55be40$f5424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Ken & Linda Burrough <ne0c@1st.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, January 21, 1999 8:38 AM
Subject: Re: CALLSIGN CHANGE? NAAAAA

A good friend of mine in San Carlos, Ca. has the worst CW
call sign. K6ISH. Walt never works CW, I wonder why?

One of my old calls comes close: WB6SWU. That B6S
combination causes all sorts of trouble!

72,

John, K6QQ (I didn't choose it, but I like it)

Date: Thu, 21 Jan 1999 10:23:35 -0700
From: David Brunner <anon6622@nyx.net>
To: aa5ta@texasonline.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30431] Re: Multiband vertical idea
Message-ID: <36A76297.34EAB121@nyx.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here's another one. Can't remember exactly where I heard it first. A 5/8
wavelength CB antenna makes a decent vertical. Short around the loading
coil, use wire to extend the radials to a length equal to the vertical
element, feed with ladder line. The fellow said it worked well!

--
David L. Brunner, KE0AZ
Aurora, CO.
CQC #6 GQRP #10138 QRP-L #506

Date: Thu, 21 Jan 1999 12:35:13 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <henmel@worldnet.att.net>
Subject: [30432] RE: Toroids
Message-ID: <002a01be4564$66e0b080$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Norm et al... both my best toroid core programs show the lower end of
T-37 to be at 3 MHz. I believe I have read that T-37 is more temp stable
than T-44.

72 / 73 Ed N4XY email: <n4xy@mindspring.com>

Date: Thu, 21 Jan 1999 11:44:38 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-l" <qrp-l@lehigh.edu>
Subject: [30433] Help with Transistor ID
Message-ID: <00be01be4565$c288a0e0$a10a5e2c@groucho>

I need specs on these two transistors. They appear to be Zetex types, but
I could find no reference to these numbers on their website.   Please reply
via private email.

ZTX212A
ZTX107A

Thanks
----
73 de KA0GKC Claton Cadmus
cla@mcg.net
MNQRP #1
Minnesota QRP'ers we're looking for you!
Email me or visit this page http://www.qsl.net/mnqrp

Date: Thu, 21 Jan 1999 12:48:20 -0500

From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Cc: cw@qth.net
Subject: [30434] towers and the FCC
Message-ID: <3.0.5.32.19990121124820.00822400@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

thought you folks might find this info of real intrest. If its been heard,
please excuse the bw.

72/73 de Scott/n3byy
Laurel MD

>>
>>Tower fines
>>
>>The FCC has again said that all users of a
>>commercial tower are responsible for its proper
>>maintenance. This includes Amateur Radio repeaters.
>>Phil Thomas, W8RMJ says that it could cost you big
>>bucks if you don't head the governments warning.
>>
>>
>>The FCC is warning Amateur repeater owners that
>>they will be held liable for deficiencies in tower
>>marking and lighting rules.
>>
>>This in the aftermath of a near collision of an air
>>ambulance helicopter and a tower recently in Texas.
>>
>>The FCC warns that not only is the tower owner
>>responsible, but any tenant on a tower is also
>>fully responsible.
>>
>>If you, your club or organization own or maintain
>>any equipment on any tower structure, you will be
>>held liable. This means that if the FCC or FAA
>>fines a tower owner, you will be fined also.
>>
>>
>>Many amateur radio clubs that own repeaters think
>>that their responsibility for tower maintenance
>>ends when they pay their monthly site rental fee.
>>The FCC says that the actual responsibility never
>>ends. That every user of a tower is responsible

>>for its proper maintenance. This even includes
>>guest radio systems that are paying no fees at all.
>>
>>(FCC, ANW)
>>
>

Date: Thu, 21 Jan 1999 09:49:47 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: Message posts for QRP-L <qrp-l@lehigh.edu>
Subject: [30435] ICOM IC-706
Message-ID: <19990121174947.29960.rocketmail@send205.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good morning QRP'er Dudes and Dudettes - -

I ran a quick users survey here a week or two ago on the Icom IC-706,
which I'm considering. Wish I had saved all the great responses, and
I would have asked this follow up question direct.

What are the differences between the Mk-I and Mk-II? I know one is
the output power on 2-meters. What else? Anything to particularly
look out for in buying a used Mk-I?

Please respond to me directly and not to the list.

Fifteen days and 20 hours till the start of FYBO. I'm already working
on my finger excercises.

72's es 73's,

Brad, W5CGH

==
Brad Bradfield, PE   W5CGH   Systems Engineer
(ex WB0CGH)   Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377   SMIRK #4906
ARS   #72   Austin QRP Club #e

DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Thu, 21 Jan 1999 12:04:18 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [30436] Funkamateur Amplifier
Message-ID: <36A76C22.863D6768@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just ordered my Funkamateur amp for my Sierra from Funkamateur this morning too. The process went smoothly using my credit card. The only thing that concerns me is the fact they asked for my zip code after my street address and before my city and state. I hope they realize the post office is looking for the zip code after the city and state. I'm really excited about this amp. The one and only thing I wished my Sierra would do is put out a little more power. This Funkamateur amp should really transform this rig into a dream machine next to an Elecraft K2. Lee Bahr w0vt

---

Date: Thu, 21 Jan 1999 13:01:55 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [30437] Re: Support of QRP by ham mags
Message-ID: <36A76B93.571D@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bill Jones wrote:

> Gentlemen,

> It's so simple! If you want more QRP articles in the ham magazines,
> write one yourself. Probably 90% of the published articles in QST and
> CQ are reader submissions. You've probably read some of my articles in
> QST. Now I want to read yours.

Good advice.

For those who want more info, the ARRL Authors Guide is available at:

http://www.arrl.org/qst/aguide/

73,
Ed, W1RFI
ARRL Lab

Date: Thu, 21 Jan 1999 13:00:01 EST
From: N9DD@aol.com
To: breynold@sigg.com
Cc: QRP-L@lehigh.edu
Subject: [30438] Re: MFJ 16010 Tuner
Message-ID: <cd9ee252.36a76b21@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/21/99, 12:03:17 PM, breynold@sigg.com writes:
<<Listed in this months QST, and in past
issued is an MFJ 16010 tuner. This has two
knobe, probable one to a variable cap and
one to a tapped inductor.
I have a MFJ 16010 with three knobs (not
a mod), the center to a tapped inductor and
one cap (transmitter) and a second cap
(antenna).>>

Hi Red

I have the same tuner as you. I remember that MFJ quickly changed the model number of the old 16010 tuner shortly after I bought mine. Perhaps it really wouldn't tune as low as 160 and they didn't want to mislead. They might also have switched from the tapped, open-air inductor, to a tapped toroid at the same time.

Unfortunately, MFJ apparently reused the old model number on the newer, 2 knob tuner. I guess that when you have as many products as MFJ has (and had), this can happen, although it shouldn't..

Tom N9DD
South Bend, IN
N9DD@aol.com

http://members.aol.com/n9dd

Date: Thu, 21 Jan 1999 13:05:26 EST
From: Bigbob97@aol.com
To: QRP-L@Lehigh.edu
Subject: [30439] third graders
Message-ID: <7145f521.36a76c66@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Friends,
If anyone has advice on topics, demos, and publications - handouts, for about 25 third graders, please let me hear from you. I would appreciate some help with this task. My son's class would like to hear about ham radio and especially CW. This all started because my son came home with a sheet titled "Morse Code" which did have dots and dashes, but not the ones we use today. I corrected it and was promptly tagged as a guest speaker. Should be fun but I would like to do a good job.
Thanks for whatever you can offer. 73,
Bob WB2DHK in Jersey City, NJ

Date: Thu, 21 Jan 1999 11:15:15 -0700
From: "James R. Duffey" <ji3m@maxwell.com>
To: Vic Rosenthal <rakefet@rakefet.com>
Cc: qrp-l@Lehigh.EDU
Subject: [30440] More on Low Profile 80/40/30 Antenna
Message-ID: <v03007800b2cd18c44be1@[199.120.49.101]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Vic - A few more thoughts after reading your reply;

"I use a 40-meter dipole at 50' fed with ladderline on all bands now."

It is easy to make a vertical antenna for 80 out of this antenna by tying the ladderline together at the fed end and feeding it against the shortened radials you planned. The 50 ft vertical with top loading should outperform the 40 ft option you are thinking about. If the entire run of ladder line is not vertical you may wish to feed it at the point where it transitions from vertical to horizontal. You could do this remotely fairly easily I would think.

I wasn't clear when I suggested using Cecil's method. I was thinking of implementing it with something like variable lengths of 92 Ohm coax to alleviate the balanced/unbalanced problem. I have not done the math, but it might be possible.

I have seen some efficiency data for the LDG tuner and it was not all that bad into low impedance loads, although I do not remember the particulars. It was certainly much better than I expected. Housing it in a non conducting housing will help as the stray capacitance serves as a capacitive divider with the antenna and substantial current can flow in it.

Having typed those words, I now remember that Jack Belrose, VE2CV, addressed the subject of short verticals being fed with automatic tuners in QST, April 94, Technical Correspondence section. Extrapolating from Jack's graph it looks like your 40 ft vertical fed with an automatic tuner such as the LDG would be down slightly less than 5 dB from the maximum that can be expected with a well designed loading system.

The radiation resistance of a 40 ft vertical will be about 10 Ohms according to my Handbook. This is not great, but not too bad either if you pay attention to ground losses. You may wish to add additinal radials.

You might also look into "ununs", that is transformers that transform impedance from unbalnced low Z to unbalanced higher Z. Sevick has several examples in his book.

-Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5 DM65tc <jamesd1@flash.net>
30 Casa Loma Road
Cedar Crest NM 87008

Date: Thu, 21 Jan 1999 10:24:34 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [30441] Log Amplifier
Message-ID: <19990121182434.2310.qmail@hotmail.com>

Mime-Version: 1.0
Content-Type: text/plain

Could someone help me understand the operation of a log amplifier? I've got a cell phone receiver board with a couple JRC (NJR) 2204AD chips. These are described as log amplifiers but I can't quite fully understand the datasheet. In this application they are situated in series with Murata 455 ceramic filters on their front ends and a discriminator circuit on the tail end. These chips put out a signal which is linearly correlated to the log of the signal level. The data sheet says that they have a linear range of about 52 dB and that two in series can span a range of 100 dB. I am confused by the fact that this chip has four log detector outputs and I also don't understand whether the input signal gets amplified on its way through the chip (I would think that it must if the two chip series arrangement should work to span a 100 dB range).

This chip sounds useful for monitoring signal levels in an IF circuit or for generating a log scale on a scope display.

Thanks for any input.

Brad

_____
Get Your Private, Free Email at http://www.hotmail.com

Date: Thu, 21 Jan 1999 12:22:18 -0600
From: alfa33@scn.org
To: QRP-L@lehigh.edu
Subject: [30442] == NEED SOURCES FOR CW KEYERS ==
Message-ID: <199901211323.HAA27980@smtp1.cei.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hello to all you QRP fans --

I am looking for sources for CW keyers (kit or assembled).

I am new to QRP-L, so I don't know whether this subject has
been covered previously. Just in case, please address any
and all replies to my email and NOT the list.

73s,

Jacob Worthington
AA4FM

Date: Thu, 21 Jan 1999 12:25:27 -0600
From: Ed Manuel <n5em@flash.net>
To: ac4ou@mail3.wilmington.net
Cc: qrp-l@lehigh.edu
Subject: [30443] Re: VX-5R
Message-ID: <3.0.5.32.19990121122527.009437c0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:52 PM 1/17/99 -0500, you wrote:
>Has anyone seen or used this new tri-band ht from Yaesu?
>This little rig will receive from 0.5-15.995 Mhz, 48-728.990 Mhz,
>800-998.990 Mhx cell blocked.... and tx/rx on 6m, 2m , and 440.
>Lithium Ion batt standard.... sounds like a good rig!!
>
>Brandon AC4OU
>
>

Not to mention "With its unique optional Barometer pressure sensor unit provides readout of barometric pressure and altitude while mountain climbing and hiking" to quote from the webpage. THAT should appeal to a bunch on the list.

http://www.yaesu.com/vx5r.html for the curious. And, NO, I don't own stock in Yaseu (maybe I should :-)

Ed, N5EM
n5em@amsat.org
atv@cq-vhf.com

Ed Manuel, N5EM
Houston, Texas

n5em@amsat.org
atv@cq-vhf.com

Date: Thu, 21 Jan 1999 11:50:46 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: alfa33@scn.org, qrp-l@lehigh.edu
Subject: [30444] Re: == NEED SOURCES FOR CW KEYERS ==
Message-ID: <199901211850.LAA32767@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi, Jacob--

>>I am looking for sources for CW keyers (kit or assembled).<<

You'll find a good assortment at http://www.MorseX.com. That's my own business, so not much point in raving about it [g].

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
http://www.MorseX.com
(303)752-3382
--

Date: Thu, 21 Jan 1999 19:41:18 -0000
From: Peter Zenker <Peter_DL2FI@csi.com>
To: "'bahr521@earthlink.net'" <bahr521@earthlink.net>, "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [30445] AW: Funkamateur Amplifier
Message-ID: <01BE4577.30AE32E0.Peter_DL2FI@csi.com>

It?s a mess with all that different way to write zip codes ;-(
In Germany we have the zip before the city and the street must be in an extra row before the zip.

I will inform the guy who handles the kit service at funkamateur how to handle the ZIP for USA orders when I see him friday morning.

By the way: it is the DL-QRP-PA, a project of DL-QRP-AG, the German QRP club.
(you see, we are VERY proud because this was our first project! and I think it is the first kit German Hams export into USA :-))

Club policy is to deliver 100 items per project to members by the club and after that to transfer the project to a dealer. The reason is the we strongly believ that QRP and homebrewing movement needs all this little kit-dealers. If the club sells to much kits in this small market, some of the small dealers will loose too much business and may bee they therefore they have to close. That cannot be our interest.

If someone needs tips how to install the PA into a SIERRA or other rig, give me a mail.

-----Ursprungliche Nachricht-----
Von: Lee Bahr [mailto:bahr521@earthlink.net]
Gesendet am: Donnerstag, 21. Januar 1999 18:04
An: Low Power Amateur Radio Discussion
Betreff: Funkamateur Amplifier

I just ordered my Funkamateur amp for my Sierra from Funkamateur this morning too. The process went smoothly using my credit card. The only thing that concerns me is the fact they asked for my zip code after my street address and before my city and state. I hope they realize the post office is looking for the zip code after the city and state. I'm really excited about this amp. The one and only thing I wished my Sierra would do is put out a little more power. This Funkamateur amp should really transform this rig into a dream machine next to an Elecraft K2. Lee Bahr w0vt

---

Date: Thu, 21 Jan 1999 11:01:35 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [30446] PK-2   WORKS
Message-ID: <19990121.110209.-108335.2.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just built this little PIC based keyer with pot speed control and for changing
speed anytime this is a winner.
The pot position is read continuously when the keyer is sending code and allows speed adjustment even in the middle of a memory send or record.
Info available at   http://home.att.net/~jacksonharbor

dave ab5pc morro bay, ca

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: 21 Jan 1999 13:03:17 -0600
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [30447] Clarification on "Radio Comms."
Message-ID: <n1295198625.47831@msmailgw1.arlut.utexas.edu>

The British ham journal 'Radio Communications' is NOT being cut from a monthly. I have now been clarified that only George Dobb's QRP column is being cut to every other month. More the pity!! I think the QRP group in U.K. lead by George is the heart of amateur radio there!

But, you should consider that "Communications Quarterly" while on the leading edge, has not gathered enough support to become a montly technical magazine on the stature of the late "Ham Radio", nor has 'QEX'
had easy sledding, and was suspended about a year ago for awhile.

I have since found out that National Contest Journal also has a QRP column, so thanks to Ron Stark for that information. NCJ has had some real characters that I've known, leading it at one time or another. I would and will subscribe to it some day, when work allows me more time to operate.

72, Stuart K5KVH in Austin TX

Date: Thu, 21 Jan 1999 14:16:38 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: <qrp-l@Lehigh.EDU>
Subject: [30448] Re: CALLSIGN CHANGE? NAAAAA
Message-ID: <00ac01be4572$9ab69d80$4305b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang

You could always try my old callsign which I held as a Technician (in the pre-"Incentive Licensing" days).

That was WB2QXH. I'm sure there are worse for a CW operator.

I can appreciate the desire for short callsigns for brevity and contesting, etc., as well as the other end of the spectrum of "real dogs." Within reasonable limits, a good CW operator, shouldn't mind what callsign he gets.

Respectfully submitted, while I'm putting on my flame suit.

73,
Dick K2REB Mahopac, NY
QRP-L #1811 FISTS #5735
Enjoying Ham Radio for 34 years

Date: Thu, 21 Jan 99 14:18:49 EST
From: jeverhar@cse.l-3com.com
To: we6w@juno.com
Cc: qrp-l@lehigh.edu, iapizloj@bicc00.bi.ehu.es
Subject: [30449] Re: Movin' the FB40 and Metric units :-)
Message-ID: <9901211918.AA28147@train11.cse.l-3com.com>

Ed and Jon,

Good tales about accuracy and precision!

You know (he said putting on his Andy Rooney hat) I wonder why it is that you have to learn about accuracy and precision in *chemistry* class! To my mind a math or physics class would be a more logical place for that treatment.

In another vein, I guess you could say that the Y2K problem is a real-life example of dealing with numbers with too little precision. Obvious perhaps but I never really though of it that way before. (Oh Lord, I just extended the life of that thread!)

Sort of OBQRP - I'm working on some ham-related PIC applications. It becomes painfully obvious that you have do handle small numbers very carefully when doing 8-bit integer artihmetic or the numbers lose precision very quicky.

Just try scaling an 8-bit A/D output reading RF power at low levels and doing the math to calculate power! See, I told you there was a QRP connection!

72/73,

Joe E., N2CX

Date: Thu, 21 Jan 1999 14:21:48 EST
From: Robsparks@aol.com
To: qrp-l@lehigh.edu
Subject: [30450] AR QRP net results
Message-ID: <1a44038e.36a77e4c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The AR-QRP Net last night had 14 check-ins amid fair band conditions. QRN and QRM were moderate. We were happy to have several new check-ins, and of course, very pleased to have the regular crew check in as well. There are apparently lots of projects going on out there, and it was interesting to listen to everyone's comments about rigs, kits, etc. If you have never participated in a net, then this is an easy, informal one to learn on!

Here are the stations that checked in:

K9UT	Jerry	TenTec QRP
K1CL	Chuck	
K1QM	Joel	How about being NCS one night Joel?
N5WL	Bart	Norcal 40a - best sig yet on that rig, Bart
W2XN	Fred	
AE4Y	Kent	
W0LK	Bob	Thanks for your help with the freq
W8IZZ	Don	OHR 100a
KG2OK	Bob	
VE2KN	Jim	Welcome back - we thought you had frozen!
N3RV/M	Chris	
K8CV	Walt	TAC 1 QRP rig
K2SJB	Dave	
KK6MC/5	Jim	

The NCS was Bob AB5ZD, QTH Alexandria LA, running 20 watts to a G5RV up in the pecan trees. Orientation of the ant wire is NNW to SSE. The AR-QRP 40 net meets every Wednesday on 7.042 at 0130Z. It is open to members and nonmembers! CU there!

72,

Bob AB5ZD

Date: Thu, 21 Jan 1999 14:49:18 -0500
From: "David Burniston" <davidgb@nortelnetworks.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30451] 2N2222 Challenge
Message-ID: <915C65C50371D11187AD0000F881B9A4025CF672@bcarua62.ca.nortel.com>
MIME-Version: 1.0
Content-Type: text/plain

A year ago, I gave up my subscription to QRPp because the US/Canadian postal
services lost more issues than I received (even after Doug mailing multiple
copies of a number if issues!). As a result, I never saw the submitted
designs for the 2N2222 challenge.

Are these published on the web anywhere?

I'll likely order the complete set of back issues, but the
immediate-gratification part of me hopes they're on the web!

...Dave
VE3LFO

Date: Thu, 21 Jan 1999 14:58:41 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: <qrp-l@lehigh.edu>
Subject: [30452] Re: CALLSIGN CHANGE? NAAAAA
Message-ID: <011601be4578$7345d120$4305b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It wasn't, but it WAS around for 17 years, until I upgraded and got KC2TF
(a lot better), then K2REB.

73,
Dick K2REB Mahopac, NY
QRP-L #1811 FISTS #5735
Enjoying Ham Radio for 34 years

-----Original Message-----
From: Paul R. Valko <prvalko@oakland.edu>
To: Richard Brummer <obvious@bestweb.net>
Date: Thursday, January 21, 1999 2:50 PM

Subject: Re: CALLSIGN CHANGE? NAAAAA

>
>I never thought I'd see a call to challenge WB8ZJL for worse-cw-call!!!
>
>Also... WB2QXH doesn't sound like it could have been around for 34 years.
>
>73! =paul= W8KC
>Collector of Ten*Tecs and other fine plastics
><http://www.acs.oakland.edu/~prvalko>
>
>
>
>
>On Thu, 21 Jan 1999, Richard Brummer wrote:
>
>> Hi Gang
>>
>> You could always try my old callsign which I held as a Technician (in the
>> pre-"Incentive Licensing" days).
>>
>> That was WB2QXH. I'm sure there are worse for a CW operator.
>>
>> I can appreciate the desire for short callsigns for brevity and
contesting,
>> etc., as well as the other end of the spectrum of "real dogs." Within
>> reasonable limits, a good CW operator, shouldn't mind what callsign he
gets.
>>
>> Respectfully submitted, while I'm putting on my flame suit.
>>
>> 73,
>> Dick K2REB Mahopac, NY
>> QRP-L #1811 FISTS #5735
>> Enjoying Ham Radio for 34 years
>>
>>
>>
>

Date: Thu, 21 Jan 1999 14:58:33 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>, <cw@ns3.qth.net>
Cc: "Gerald A Huldeen" <jerrydeen@juno.com>

Subject: [30453] RE: [CW] Re: K0HB and CQ mag.
Message-ID: <005c01be4578$6d048f40$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It's a lot like a word problem:

QRP column exclusion + Fred = fewer subscription renewals.

I wonder if they have figured out that the guys who are dropping off their subscriber list vastly exceed the subscriptions of the guys they are courting?

72 / 73 Ed N4XY email: <n4xy@mindspring.com>

P.S. It is possible the column exclusion was a 1-time thing... I don't know yet.

Date: Thu, 21 Jan 1999 11:59:27 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <Bigbob97@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30454] Re: third graders
Message-ID: <3aa001be4578$8f6fbf50$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I recently gave a presentation for my daughter's second grade class. We all had a great time. My suggestions:

1. Keep it short. Half an hour is more than enough, maybe too much.
2. Tie the topic into something they are learning about in class. In my daughter's class, they were studying geography and map reading. Ham radio was an opportunity to identify places that I had talked to on the map and globe. We were also able to discuss the issues of language and time zones when you talk directly to people in foreign countries. Ask the teacher ahead of time what they will be learning in class and tailor your presentation to cover it.
3. Bring simple props. I brought a lot of stuff, from QSLs to an HT -- too much stuff. The QSLs were the biggest hit. Best were DX

QSLs with exotic pictures, but even a lowly stateside generic QSL elicited questions and wonder. The kids were very careful handling all the stuff, and were careful to bring everything back to me after it had been passed around the classroom several times.
4. Morse code is fascinating to them, but to present it right takes the full half hour. A key and code practice oscillator are fun, but letting them pass it around will disrupt the rest of your presentation.
5. Keep it simple. Present an idea, let them do something with it, and go on.
6. Arrange things that the kids can do. Every person has his or her own style of learning, but in general, young kids don't do very well with listening to lectures. Use sight, sound (words and non-verbal sound), movement, touch. For example, I showed them how I used a telegraph key to talk with someone in S. Africa, passed around the QSL card (even the stamps feel different from South Africa), asked them to show me S. Africa on the map and the globe, and we talked about language in S. Africa.
7. Be prepared to answer questions about the distinction between the internet and ham radio, and between cell phones and ham radio. Most of these kids have been surfing the web since they could walk, but many have never heard of ham radio. Interestingly enough, whereas adults would ask why you would go to the trouble of using ham radio when you could just make a cellphone call, the kids accept the challenge as an end in itself.
8. Start with the basics. I began with the concept of transmitters sending radio waves to receivers. From there we went to one-way radio (broadcasting) and then two-way radio like ham radio. They got these ideas quickly and made everything that followed understandable.
9. Enjoy.

Mike K1MG
Saratoga, CA

Date: Thu, 21 Jan 1999 13:27:09 -0800
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [30455] SQUAL-O antenna
Message-ID: <19990121132708.A905@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I found, off of G3YCC's web site, an antenna which might actually work for me, called the Sqaulo. I got done measuring the dimensions of my apartment,

and I just /barely/ have enough room to erect the antenna using something
like thick magnet or hookup wire. However....

what is this antenna's characteristic impedance? If it's one thing I find
most irritating about ham radio projects on the web, is that the authors
for those projects don't document impedances!! AARG! Especially in the case
of antennae, when their most important!

==
      KC5TJA/6 | -| TEAM DOLPHIN |-
        DM13 | Samuel A. Falvo II
    QRP-L #1447 | http://www.dolphin.openprojects.net:9673/
   Oceanside, CA |...

Date: Thu, 21 Jan 1999 12:07:55 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <mgemm@mtechnologies.com>
Cc: "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [30456] Re: == NEED SOURCES FOR CW KEYERS ==
Message-ID: <3ab701be4579$be4d7820$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

N1FN wrote:

>>You'll find a good assortment at http://www.MorseX.com.   That's my
own
business, so not much point in raving about it [g].
<<

But I can rave about it! Count me in as a satisfied customer who has
spent far too much money at MorseX! Besides having a great collection
of products available, Marshall is a great source of suggestions and
information. Although I also do business with the local HRO store, I
get much better information about CW things from Marshall than from
the HRO clerk who has spent his whole career on 2M FM.

Mike K1MG
Saratoga, CA

Date: Thu, 21 Jan 1999 13:12:28 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-l@Lehigh.EDU
Subject: [30457] Which Kit is best?
Message-ID: <36A78A2C.2E28F0E6@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have been a ham since last September, but have been to designing and building electronic stuff for 40 years. I will soon be setting up a QRP station. Here's my question. Which of all the available QRP transciever kits is best? I expect and will appreciate a hundred different opinions. So, what is it, Ten-Tec, Small Wonder Labs, Wilderness Radio, Emtech, or something else? I know all of these rigs are good, but who, in your opinion, makes the best?

Thanks

Bruce kk7zz

Date: Thu, 21 Jan 1999 15:18:52 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Cc: <henmel@worldnet.att.net>
Subject: [30458] Toroids-oops
Message-ID: <006601be457b$43258960$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello all... I blew that toroid comment... in all the hue and cry necessary here to find BOTH toroid programs, I listed only the sizes, and somehow missed putting in the actual mix number. Jerry, W5JH noticed-thanks! The sizes below are those used in the original. The answer to the question should have read:

Hi Norm et al... both my best toroid core programs show the lower end of T-37-6 to be at 3 MHz. I believe I have read that T-37-7 is more temp stable than T-44-3 (or T-37-6.)

72 / 73 Ed N4XY email: <n4xy@mindspring.com>

Date: Thu, 21 Jan 1999 12:19:20 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [30459] [Fwd: Re: Y2K rig problems(another angle)]
Message-ID: <36A78BC8.1A58@blarg.net>
MIME-Version: 1.0
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

X-Mozilla-Status: 0001
Message-ID: <36A78B65.23C6@blarg.net>
Date: Thu, 21 Jan 1999 12:17:41 -0800
From: W7LS <w7ls@blarg.net>
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: jeffj@scott.net
Subject: Re: Y2K rig problems(another angle)
References: <199901211718.LAA13500x@scott.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Morning, qrp'rs..
     Many items that you wouldn't think care a hoot about the date, actually do. The reason is as follows: Suppose some pice of equipment needs to turn on some function for a given period of time, such as an ar conditioner, door opener, or whatever. There are two ways to do this. The first, and more obvious is to start a software timer and when it times out, you cease the intended function, whether it is purging a valve, closing a relay, or whatever. The second, and more problematic, is where the programmer read the initial time, opened the valve (or whatever), and rechecked the time every second or so. Every second, the current time is read, a subtraction performed, and if the result is equal to the intended delay time, it then ceases that function (such as closing the valve). If the times are read out completely, as in all the way out to the year, and this has been done, and that real time clock only has two digits for the year, then the subtraction fails to give the right result. The valve stays open. Hence, a seemingly uninterested (in what year it is) controller, now crashes.
     This is how it has been explained to me by folks that seem to be in the thick of it. Got batteries?   :-)

Jim W7LS

Jeff Johns wrote:
>
> On Thu, 21 Jan 1999 10:32:17 -0600, Bob Reynolds <breynold@sigg.com> wrote:
>
> > What will happen to all the computer based
> > ham rigs ? Will the QRM drop to the level
> > when Neil first stepped on the moon ?
>
> Most rigs don't care what the date is.... so it won't really matter. On a
> related note, my poor father is scared to death that we goes to cran up his
> truck on Jan 1, 2000 it won't start, I've tried to explain it to him, but he
> fell for the media hype <grin>.
>
> 73 Jeff W4JEF
>
>   *=-=-=-=-=-=-=-=-= Jeff Johns W4JEF - AMSAT# 32615 -=-=-=-=-=-=-=-=*
> |jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
> | Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
> |200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
>   *=-*
>
>

Date: Thu, 21 Jan 1999 20:29:34 +0000
From: "Walter D. Amos" <waltk8cv@surfree.com>
To: Qrp-l Reflector <qrp-l@lehigh.edu>
Subject: [30460] TCI black boxes ....
Message-ID: <36A78E2E.654C4D7F@surfree.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks ....

Called TCI locally here in Royal Oak, Michigan and they were VERY
cooperative once I reached the Engineer, the phone answering girl had
never heard of my problem but he said they had just got the memo
yesterday and that he could check the computer for DIGITAL customers
around me and would go out and remove the boxes and hard wire the
connections.

Seems like a nice fellow , but got his name and number and I took
reading (20 over s-9) here and will see if they go down! :-)

Thanks to Ed Hare and the group for the up front on this, I have been
listening to the interference and thinking " there goes 80 meters "
..... :-(

Walt k8cv

Date: Thu, 21 Jan 1999 14:46:31 -0600
From: Rick Morrison <RickM@firstlogic.com>
To: qrp-l@lehigh.edu
Subject: [30461] Power station
Message-ID: <8E337964A712D2119ADE006097C9899D9019A4@exchange-lax1>
MIME-Version: 1.0
Content-Type: text/plain

Has anyone used one of the battery packs (termed a power station) marketed
by The Ham Contact? I think the mid-priced one (12v, 7a sealed lead acid
battery) is the Premier/Pryme SB-752 Portable Power Station.

Any comments on battery packs for portable operation in general or on this
product? Any similar products available that I should look at?

Thanks, Rick KB9TKG

Date: Thu, 21 Jan 1999 14:33:53 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, kizerian@ced.utah.edu
Subject: [30462] Re: Which Kit is best?
Message-ID: <199901212039.OAA15065@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I was looking for a single band CW transceiver kit recently. After
searching around, reading reviews, &c., I decided to go with the
Small Wonder Labs SW40. I think I made the right decision. The kit
went together easily and operates well.
73 Bryan W8LN

Date: Thu, 21 Jan 1999 16:14:02 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: <qrp-l@Lehigh.EDU>, <cw@ns3.qth.net>
Cc: "Hans Brakob" <hansbrakob@juno.com>
Subject: [30463] RE: [CW] CQ mag.
Message-ID: <001501be4582$f7f2ebb0$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

CQ in the past 10 years or so, has really ceased any leadership in technology. I suppose when they purchased the end of HR Magazine, and reformatted it into Comm Quarterly, they figured that was enough. It is no excuse for public ignorance, however... very little is.

I haven't been on good terms with them ever since they accepted for publication a magazine article from me and then never published it. Come to think of it, since the article was on the use of various languages, and emphasized CW, that might explain a lot.

Oh well... as I said earlier, I honestly think they are cutting their own throats.

72 / 73 Ed N4XY email: <n4xy@mindspring.com>

Date: Thu, 21 Jan 1999 16:25:20 -0500
From: Barry J Minsky <w2bj@juno.com>
To: bahr521@earthlink.net
Cc: qrp-l@Lehigh.EDU
Subject: [30464] Re: Funkamateur Amplifier
Message-ID: <19990121.162907.-315173.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Lee,
I lived in Germany for 5 years. It is normal for them to put the postal code before the city name. I do not think it would create a problem if they did it that way. I have received letters like that fron Germany and they got through. I ordered mine too. I can't wait to try it out.

On Thu, 21 Jan 1999 12:04:18 -0600 Lee Bahr <bahr521@earthlink.net>

writes:
>I just ordered my Funkamateur amp for my Sierra from Funkamateur this
>morning too. The process went smoothly using my credit card. The
>only
>thing that concerns me is the fact they asked for my zip code after
>my
>street address and before my city and state. I hope they realize the
>post office is looking for the zip code after the city and state.
>I'm
>really excited about this amp. The one and only thing I wished my
>Sierra would do is put out a little more power. This Funkamateur amp
>should really transform this rig into a dream machine next to an
>Elecraft K2. Lee Bahr w0vt
>

72/73,
Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723
Amateur Radio Missionary Service

Date: Thu, 21 Jan 1999 16:32:40 -0500
From: "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
To: <qrp-l@lehigh.edu>
Subject: [30465] MFJ 9040 comments -- THANKS
Message-ID: <199901212131.QAA27714@smtp1.erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks:

Thanks to everyone for their responses regarding the MFJ CW rigs. I must have had a dozen replies, thoughtful and informative, in less than 24 hours.

The concensus is that these rigs are not perfect but, especially used and in good condition, are a darn good value. They are prone to drift if allowed to heat up excessively in the sun and older 40 meter versions had a drifting problem that could be improved by swapping out 2 capacitors. The newer ones have this solution already. There were a few comments about weak volume (vs. weak reception) and ways to improve it. Several people suggested that a well-built Oak Hills or NorCal 40A were better values.

Several replies included tested ways to improve their performance. I've kept those e-mails on file to send to others if requested.

In general, most people were very positive about them; sometimes enthusiastic. As a result, I'll be keeping an eye peeled for a used, late model of the MFJ 9040. Aside from just wanting a QRP-only rig, it would give me access to the Novice AND higher class frequencies. Even after I upgrade, I would still want the Novice portions available and it would allow me to lend it out to new Tech Pluses in our club while they save for their first HF rig. Also, it uses less power than my Corsair II cranked down to QRP levels. With my battery capacity, I could run the MFJ and my 2 meter gear for several weeks in an emergency which would make our ARES EC very happy. Besides, they look like fun.

Thanks again for all your help. This list is the best!!!

Jeff/KF4JSV QRP-L # 743 FISTS # 5497
Manassas, VA

PS: I came across an old QST article (from 1966) on building a one tube, crystal controlled QRP transmitter for 80 and 40 meters. A longtime member of our club has offered to help me build it. It will use house current and won't be small (all the better), but it should help me learn some basics in building stuff. And he has most of the parts needed.

Date: Thu, 21 Jan 1999 16:34:01 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30466] Fw: Y2K rig problems(another angle)
Message-ID: <005901be4585$c3681de0$8805010a@myetsko.insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK, I SWORE I wouldn't get into this, but.....

There's LOTs of reasons the Y2K problem is real. But it's not the end of the world. Cars won't stop (except maybe some Cadilacs) cats won't die, and dogs won't start using kitty litter (well, except maybe to look for those
tasty little goodes, but then dogs drink from the toilet, whether it's been flushed recently or not).

This whole issue is about a SMALL software bug. But that doesn't mean it doesn't have big ramifications. But that also doesn't mean is HAS to have
big ramifications.

I recently rolled my checkbook over to number 10000. You think the Y2K problem is tough? Try writing a check when most of the 'check approval' systems only handle 4 digits and your check goes through as 0000 because it ignored the first digit! (To top it off, it was at a 'salvage' place, which means
they were ALREADY suspicious of people writing checks.) Then checks 10001 to 10099 went through the check approval systems as 0001 to 0099, and since all banks start checks with 100, again you see my problem. Finally I got to 10101, only now most think I'm at check 101, but I have a history of 'approval' in their database.

But I didn't die. My bodily functions didn't shut down. I didn't expire. I
personally didn't start to dig in the kitty litter box with the dog looking for
snacks.

It's the same thing with the Y2K BS.

Will there be problems? Yeah, probably, but not this garbage that's being hyped. Cars will stop? Show me a car, other than the new Cadilacs that even KNOWS what the date is, let alone cares, and the new Cadilacs are certainly new enough not to have a Y2K bug. (Well, I'll reserve a formal declaration there, I've not had good luck with GM!)

Will every valve stick open like in the message below? I'd like to see ONE!! JUST ONE VALVE that ANYONE can show me that uses a
DATE to calculate how long to stay open! If I caught a programmer writing code that assinine I'd fire him on the spot! You ALWAYS write so that you account for rollovers. (I know, some people do take shortcuts) unless you're a toad programmer that has no business in this business.

The problem is pretty simple. First, will your clock roll from 1999 to 2000, or to
1900?   OK, it rolled wrong, now can you SET it to 2000? If not, then you need
a fix. If you can, will it do the leap year right? If not, then you screw up ONE
DAY. Big deal. And finally, does the software care that uses the date? Ah.
finally, something that really might be a problem!

Where will the big problems be? Certainly not banks! They've been calculating mortgages and loans with 30 year periods so they've been over the Y2K hump for some time, at least with most software. Jetliners? yeah, right! The only thing that really cares about date there is the GPS and navagational systems. And those are probably fixed long ago. Power plants? Opps.. I forgot, maybe the coal shuttles with their smart chips in the hoppers to feed the boilers! Yeah, right! (OK OK, there MIGHT be minor snags in rail scheduling for coal. but does anyone REALLY think their going to 'shut down'?)

I'm SICK OF THIS HYPE from BS artist who only want to make themselves look important or try to make money out of this!

It's amazing the garbage people are coming up with, and while the letter below is technically accurate, IT DOESN'T APPLY!! It just generates paranoria. It's like the ships log story. The first mate went out and partied on shore leave. Then the next day sees an entry in the log "The first mate was drunk today". Confronting the captain he's told "it's technically true". Well, the next day the captain reads the log and finds "The captain was sober today". Just being technically true does NOT mean it's entirely applicable to telling the whole story.

People who understand this have to be frustrated dealing with the BS, or laughing at the stupidity. I actually heard a guy wondering if the ammo for his AR-15 was Y2K compliant! Hey, I want underware that has "Y2K Complaint!" on the front! Think it will help me on saturday nights?

Would I be scared to fly Jan 1? Nope! But I might be a little concerned about
4 months later when scheduled maintainence might start getting missed due to Y2K rollovers not flagging automatic replacement parts!

Mike Yetsko
N1DVJ

-----Original Message-----
From:
To:
Date: Thursday, January 21, 1999 3:17 PM
Subject: Re: Y2K rig problems(another angle)

>Morning, qrp'rs..
> Many items that you wouldn't think care a hoot about the date,
>actually do. The reason is as follows: Suppose some pice of equipment
>needs to turn on some function for a given period of time, such as an ar
>conditioner, door opener, or whatever. There are two ways to do this. The

>first, and more obvious is to start a software timer and when it times
>out, you cease the intended function, whether it is purging a valve,
>closing a relay, or whatever. The second, and more problematic, is where
>the programmer read the initial time, opened the valve (or whatever), and
>rechecked the time every second or so. Every second, the current time is
>read, a subtraction performed, and if the result is equal to the intended
>delay time, it then ceases that function (such as closing the valve). If
>the times are read out completely, as in all the way out to the year, and
>this has been done, and that real time clock only has two digits for the
>year, then the subtraction fails to give the right result. The valve
>stays open. Hence, a seemingly uninterested (in what year it
>is) controller, now crashes.
> This is how it has been explained to me by folks that seem to be
>in the thick of it. Got batteries?   :-)
>
>Jim W7LS
>
>
>
>Jeff Johns wrote:
>>
>> On Thu, 21 Jan 1999 10:32:17 -0600, Bob Reynolds <breynold@sigg.com>
wrote:
>>
>> > What will happen to all the computer based
>> > ham rigs ? Will the QRM drop to the level
>> > when Neil first stepped on the moon ?
>>
>> Most rigs don't care what the date is.... so it won't really matter. On a
>> related note, my poor father is scared to death that we goes to cran up
his
>> truck on Jan 1, 2000 it won't start, I've tried to explain it to him, but
he
>> fell for the media hype <grin>.
>>
>> 73 Jeff W4JEF

Date: Thu, 21 Jan 1999 16:37:43 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: kizerian@ced.utah.edu
Cc: QRP-L@LEHIGH.EDU
Subject: [30467] Re: Which Kit is best?
Message-ID: <36A79E27.DB7@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bruce,

Isn't that a lot like asking a high school class which,of all the women in school, makes the best wife? Seriously, the best kit varies from person to person. One may like the SW40+ while another likes the NC40a/ The best kit is found by reading all you can find out about each one, operating as many as you can, and then selecting one.

73

Date: Thu, 21 Jan 1999 17:24:59 -0800
From: Dennis Voorhees <DENNYV@clarityconnect.com>
To: qrp-l@lehigh.edu
Subject: [30468] QRP-TV
Message-ID: <36A7D36B.5F2EE7DD@clarityconnect.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Several years ago one of my winter projects was putting a Gemini Rabbit on ATV. Not really hard to do it just involved adding a coax connector of some style,(I beleive I used a BNC) to the transmitter and receiver. The older and perhaps the newer stuff was/is on 900mhz as a matter of fact the three frequencies were all in the ham bands. The key to success was the antenna. I wound two helical style antennas on 4" schedual 10 plastic sewer pipe and used a 10" pizza pan for a reflector.

The transmitter put out about 4 mw to the antenna with about 12 db gain for an erp of about a watt or so. My best DX was 4.5 miles line of sight with a p3 signal to a friend of mine on a hill top (we used binoculars and HT's to line the antennas).

The helical antenna's worked well because even at line of sight, uhf signals tend to do funny things polarity wise.What starts out horizontal may not arrive that way at the receiver. With circular polarization this problem is greatly deminished.

There are several kits out on the market for some really small atv transmitters and the postage stamp cameras are getting really cheap. You may want to look into "patch antenna's if you use the 2ghz band they are similar in function to Helicals
Denny AD3O

Date: Thu, 21 Jan 1999 17:36:04 -0500
From: Russ Hines <radioruss@fuse.net>
To: alihernlem@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30469] Re: Log Amplifier
Message-ID: <36A7ABD4.EA3089C7@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Brad:

Looks to me like you've answered your own question.;-)

73,
WB8ZCC

Brad Hernlem wrote:
>
> Could someone help me understand the operation of a log amplifier? I've
> --------- snip --------------------
> circuit on the tail end. These chips put out a signal which is linearly
> correlated to the log of the signal level. The data sheet says that they

----

Date: Thu, 21 Jan 1999 22:35:35 +0000
From: Larry Cahoon <wd3p@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [30470] QST - "It Seems ot Us..." and the TCI problem
Message-ID: <19990121.223536.4902.0.wd3p@juno.com>

Just got the Feb. QST. Take a look at the "It Seems to Us..." piece on
page 9 for a bit about the TCI problem.

72 de Larry......WD3P
in MD

____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 21 Jan 1999 14:41:42 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [30471] Re: Log Amplifier
Message-ID: <19990121224142.6041.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

>Hi Brad:
>
>Looks to me like you've answered your own question.;-)
>
>73,
>WB8ZCC
>

I guess I got that part right but I found out that the particular chip
which had me confused has a dual function as a log amp AND an IF
limiting amp. I didn't understand that these were two different
functions.

Brad

>Brad Hernlem wrote:
>>
>> Could someone help me understand the operation of a log amplifier?
I've
>> --------- snip --------------------
>> circuit on the tail end. These chips put out a signal which is
linearly
>> correlated to the log of the signal level. The data sheet says that
they

____
Get Your Private, Free Email at http://www.hotmail.com

Date: Thu, 21 Jan 1999 16:42:48 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [30472] ZL9CI
Message-ID: <Pine.LNX.3.95.990121164040.21701A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...just landed ZL9CI...2234Z (VE5RC) and then 2235Z (VE5QRP)...SSB and 5

watts...21.294.....happy camper here!... :-)

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
           A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
                               "QRP! How sweet it is!"

Date: Thu, 21 Jan 1999 17:50:31 -0500
From: Nick & Susan Caruso <nzc@mediaone.net>
To: n5em@flash.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30473] Re: VX-5R
Message-ID: <36A7AF37.2A838180@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks, if you're considering the purchase of a Yaesu VX-5R, (as I am) you should know that there is a problem
with CTSS tone scanning in the initial models. The scan does not stop when a tone-encoded signal is present on a frequency configured for CTSS squelch. Apparently the squelch works but is too slow to stop the scan (see the
"versatile fast scanning" feature they advertise!). DCS (?) scanning apparently works, FWIW.

Yaesu have told me in email that they will fix it at no cost to the purchaser, including shipping, and that new production models include the fix. I'm pretty sure the new production isn't available in America yet, but Yaesu tech support said they were expecting to receive them "soon".

See the discussion on rec.radio.amateur.equipment for more details.

   72,
     ncc kb1dej

Date: Thu, 21 Jan 1999 18:10:40 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30474] Re: ZL9CI

Message-ID: <36A7B3EF.77EEF78D@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Incidently, anyone who works ZL9CI with "YOUR CALL/QRP" will find the QRP
QSO listed in ZL9CI's internet LOG under "YOUR CALL/QRP"
as distinguished from your QSOs under YOUR CALL without "/QRP"

Tom, N1TP, Naples, Florida.

Bruce Rattray wrote:

> ...just landed ZL9CI...2234Z (VE5RC) and then 2235Z (VE5QRP)...SSB and 5
> watts...21.294.....happy camper here!... :-)
>
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
>   A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
>   "QRP! How sweet it is!"

Date: Thu, 21 Jan 1999 17:16:22 -0600
From: Michael Melland <badger@vbe.com>
To: qrp-l@Lehigh.EDU
Subject: [30475] RE: Y2K......<grin>
Message-ID: <36A7B546.7CEB@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Been following the threads abounding on the "Year 2000 Bug". My wife
and I own an embroidery business and we had a large technology company
come in this afternoon and order polo shirts with "N2W" embroidered on
the left chest for their employees. I asked what it meant and was told
it stood for..... "Not Too Worried".

73
--
Michael Melland, KB9QHU
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656
CW, SSB, and Electronics
List Administrator: grundig@qth.net
http://www.vbe.com/~badger

http://www.qsl.net/kb9qhu

End of QRP-L Digest 1343
****